

CURRICULUM VITAE



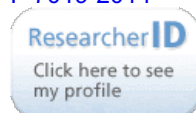
Full name Loc Nguyen
Other names Nguyễn Phước Lộc
阮福祿
Date of birth August 29, 1979
Gender Male
Citizen of Vietnam

Poet at AllPoetry

ORCID [0000-0001-5192-8106](https://orcid.org/0000-0001-5192-8106)



ResearcherID [F-7019-2014](https://www.researcherid.com/profile/F-7019-2014)



Scientific metrics ResearchGate citations: 12
ResearchGate h-index: 2
ResearchGate impact points: 1.63
ResearchGate score: 7.46
Google Scholar citations: 86
Google Scholar h-index: 4
Google Scholar i10-index: 2

Organization [Sunflower Soft Company, Ho Chi Minh city, Vietnam](#)

Homepage www.locnguyen.net

Contact address 1/4B Ton Duc Thang street, My Binh ward, Long Xuyen city, An Giang province 881092, Vietnam

Email ng_phloc@yahoo.com

Phone +84975250362

“Creative man is The Creator”

This is my favorite statement. I am Loc Nguyen, a scientist, a poet and a business man; especially I am very attractive and enthusiastic. Ultimately, I am the creative man. I believe that our wealths are originated from creativeness and our civilization is based on the creativeness. We create our world by ourselves. Therefore, I set up this website in order to introduce myself and share you my creative works in science, technology and art.

Main domains on which I focus include:

- *Natural science and technology*: computer science, statistics, and mathematics.
- *Social science*: education, linguistics, and philosophy.

- *Economics*: project management and information system.
- *Art*: poetry.

Do not hesitate to contact me because I am very enthusiastic. This is [my online curriculum vitae](#).

The curriculum vitae has 14 sections as follows:

- I. [Education](#)
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I. Education

2015– *Postdoctoral of Philosophy in Mathematics and Statistics*

2016 (Work in progress)

The research dissertation composed as the book "***Mathematical Approaches to User Modeling***" focuses on innovative probabilistic and statistical works applied into user modeling, data mining, and machine learning. The book is also mentioned in section IX. [Products and Projects](#).

The dissertation is published in [Journals Consortium](#).

Research link is <http://www.locnguyen.net/st/books/mum>

2011– *Postdoctoral in Computer Science at Sunflower Soft Company, Ho Chi Minh city, Vietnam*

2013 The dissertation is "***A framework of e-commercial recommendation algorithms***".

Abstract:

The research builds up *Hudup* – the recommender framework dedicated to scientists and software developers who create or deploy recommendation solutions and algorithms in e-commerce and e-learning. *Hudup* is composed of three modules:

- The infrastructure to setting up recommendation algorithms.
- The evaluation system to measure recommendation algorithms according to metrics.
- The simulation environment to execute and test recommendation solutions and algorithms before deploy them in real-time applications.

The research project is accepted in the [European Project Space](#). The research introduction is published in [American Journal of Computer Science and Information Engineering \(AJCSIE\)](#), Vol. 2, No. 4, October 2015 and presented at [The 7th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management \(IC3K 2015\)](#).

The research project is certified by [Institute for Systems and Technologies of Information, Control and Communication \(INSTICC\)](#).

Research link is <http://www.locnguyen.net/st/products/hudup>

2007– *Doctor of Philosophy in Computer Science*

2009 The dissertation is "***A User Modeling for Adaptive Learning***".

Abstract:

This research proposes a learner model that consists of three essential kinds of information about learners such as knowledge, learning style and learning history. Such three characteristics form a triangle and so this learner model is called [Triangular Learner Model \(TLM\)](#). The ideology of TLM is that user characteristics are various and only some information is really necessary to adaptive learning and an optimal user modeling system should choose essential information relating to user's study to build up learner model. According to this ideology, TLM will cover the whole of user's information required by learning adaptation process and give the best support to adaptive learning. Moreover, TLM emphasizes on the inference mechanism by applying [Bayesian network](#) and [Markov model](#) into modeling user

knowledge and learning style. Intelligent deduction is the best feature of TLM instead of providing user information only as normal user modeling system.

The dissertation is [awarded as excellent research by Standard Research Journals, August 2013](#) and [certified by The 2014 World Engineering Education Forum \(WEEF2014\) at Dubai, UAE, December 2014](#).

The research is presented secondly at [Athabasca University](#), Athabasca, Alberta, Canada, October 2013.

The research is also presented at Doctoral Consortium of The 3rd International Conference on Theories and Applications of Computer Science (ICTACS2010), Can Tho, Vietnam, September 26, 2010 and Doctoral Consortium of The 4th Conference on Information Technology and Telecommunications (ICTFIT2012), [University of Science](#), Ho Chi Minh city, Vietnam.

The research is presented at [Athabasca University](#), Athabasca, Alberta, Canada, November 2009.

2002– [Master of Computer Science](#), University of Science, Ho Chi Minh city, Vietnam

2005 The dissertation is ***“An image searching framework combining low-level features and high-level semantics contents of images”***.

Abstract:

The research build up the image searching framework named AGmagic. The framework AGmagic uses the method so-called Markov Model Mediator to combine low-level features and high-level semantics contents of images in order to find images. Low-level features were extracted from segmentation, color histogram, color gradient, centroid. High-level semantic contents learned from user feedback are measures that reflect personal subjective feeling about the similarity among images. The combination of low-level features and high-level semantic contents gives out excellent result in searching images. Moreover AGmagic framework implements very successfully the segmentation algorithm.

Research link is <http://www.locnguyen.net/st/dissertations/agmagic>.

1997– [Bachelor of science in Information Technology](#), University of Science, Ho Chi Minh city, Vietnam

2001 The thesis is *“Building up the tourist information map for Ho Chi Minh city”*.

1993– Master of [Theory of Yin-Yang](#), [Book of Changes](#), and Oriental astrology by self-studying.
1997

II. Training Courses

04/2016 [Mathematica Certificate - Student Level](#) certified by [Wolfram Technology Associate](#).

01/2016 [College of Skills Training](#) at [Elsevier Publishing Campus](#).

-

02/2016

11/2013 Mathematical courses at [Institute of Mathematics - Vietnam Academy Institute of Science and Technology](#), including 9 subjects such as *modern algebra, modern analysis, geometry, probability and statistics, differential equation, numeral analysis, complex analysis, discrete mathematics, optimization*

11/2013 Autumn school: Stochastic Processes and Applications, [The Vietnam Institute for Advanced Study in Mathematics](#), Ministry of Education and Training, Vietnam.

09/2013 Developing Businesswoman Leadership Skill.
[Vietnam Chamber of Commerce and Industry \(VCCI\)](#), Ho Chi Minh city, Vietnam.

09/2013 [Sale Plan Skill](#).
EduGlobal Institute, Ho Chi Minh city, Vietnam.

09/2013 [Business and Innovation Plan](#).
[Vietnam Chamber of Commerce and Industry \(VCCI\)](#).
[Vietnam–Germany University](#).

08/2013 [Negotiation Strategy](#).
[Vietnam Chamber of Commerce and Industry \(VCCI\)](#)

08/2013 [Industrial Relations Management](#).
[Vietnam Chamber of Commerce and Industry \(VCCI\)](#).
[The Overseas Human Resources and Industry Development Association \(HIDA\)](#), Japan.

08/2013 [Accounting tax](#).
[Vietnam Chamber of Commerce and Industry \(VCCI\)](#).

07/2013 [Negotiation Skills](#).
[Institute of Management SAM](#), Ho Chi Minh city, Vietnam.

07/2013 [Stock and inventory management](#).

- Vietnam Chamber of Commerce and Industry (VCCI).
- 07/2013 Business Plan Skills.
Institute of Management SAM, Ho Chi Minh city, Vietnam.
- 04/2013 Bayesian statistics workshop program.
University of Science, Ho Chi Minh city, Vietnam.
Paris Dauphine University, France.
- 12/2011 Leadership development program for visionary leaders.
Australian National University.
PACE Institute of Leadership and Management, Vietnam.
Global Development Learning Network.
- 12/2011 Quantitative research methods for social science.
Vietnam National University, Ho Chi Minh city.
University of New South Wales, Australia.
- 11/2011 Real estate assessment.
The Club "Rich Dad Poor Dad", Ho Chi Minh city, Vietnam.
- 10/2011 Presentation and moderation skills in international scientific conferences.
Vietnam National University, Ho Chi Minh city.
University of New South Wales, Australia.
- 10/2011 Businessmen in the knowledgeable economic age.
Be Training Organization, Vietnam.
- 09/2011 Production management for small & medium business.
Institute of Management SAM, Ho Chi Minh city, Vietnam.
- 07/2011 Enterprise Accounting.
Institute of Human Resource Development, University of Economics, Ho Chi Minh city, Vietnam.
- 05/2011 A Short Course on Algorithmic Group Testing by Prof. Ngo, Hung Q. and Prof. Nguyen, Nam K.
University of Technology, Ho Chi Minh city, Vietnam.
- 12/2010 Applied statistics in science research.
University of Technology, Ho Chi Minh city, Vietnam.
University of New South Wales, Australia.
- 2010 A Course of Mathematical Modeling and Simulation by Prof. Nguyen, Man V. M. - University of Technology, Ho Chi Minh city, Vietnam.
- 2010-2011 Courses of meditation (Zen) and Indian philosophy by Prof. Kim Hung - Inner Space Center.
- 2009-2013 Courses of medicine by Prof. Phung, Hung T. - Ho Chi Minh City Medicine and Pharmacy University.
- 08/2006 Certificate of national defense cultivation.
An Giang University, Vietnam.
- 1993–1997 Self-studying theory of Eastern military.

III. Languages

Vietnamese Mother language.

English Professional level, fluent in listening, speaking, reading and writing.

Chinese Basic level.

IV. Professional Knowledge

Computer science: Expert in following scientific domains:

- Excellent at algorithm and solving problems
- Specialist of software engineering
- Specialist of Bayesian network and hidden Markov model
- Specialist of support vector machine

- Database fundamental and database design
- Artificial intelligence, especially, evolution genetic algorithm, recognition, fuzzy logic, fuzzy set, rough set, neural network
- Machine learning
- User modeling and user profiling
- Adaptive system and personalization system
- Recommendation system, especially collaborative filtering
- Data mining and text mining, especially association rules, classification, clustering
- Data analysis
- Image processing and image retrieval
- Computer graphics and geometry
- Information retrieval, search engine and information extraction
- Open source portal and web OS
- E-learning and educational science
- Analyze and design information system
- Distributed database
- Cryptography
- Compiler and programming language processing
- Functional programming
- Geographic Information System (GIS)

Computer technologies: Proficient in following technologies:

- Expert at programming languages: Java, .NET, C/C++, PHP, F#, R, etc.
- Very good at software architecture
- Network and web programming
- Desktop and windows applications
- Graphic programming and real-time system: OpenGL, DirectX, XNA, etc.
- Content management system (CMS)
- Business and commerce system, business process
- Middleware system
- Mobile applications such as J2ME, Android
- Database, SQL language, database design
- Database management system such as MySQL, Oracle, Derby, SQL Server, etc.
- Software engineering such as UML, software project management, etc.
- Enterprise resource planning (ERP), accounting system
- System driver development
- Industrial robotics kinematics and dynamics
- Electronic healthcare system
- Mathematica software with Wolfram language

Statistics: Expert at Bayesian inference, parameter estimation and hypothesis testing.

Mathematics: Specialist of mathematics; especially, probability, linear algebra, numerical analysis, optimization, approximation, and discrete mathematics.

Medicine: Expert in meditation (Zen) and statistical medicine. Good knowledge at Oriental medicine and obstetric ultrasonics.

Social science: Specialist of education, linguistics, and philosophy. Expert in [Theory of Yin-Yang](#), [Book of Changes](#), and Oriental astrology. Good knowledge at history, religion, politics, military, strategics, Zen, leadership, Buddhism, Confucianism, Taoism, Marxism, psychology, and negotiation.

Economics: Specialist of project management. Good knowledge at accounting, finance, and bussiness management.

Art: I am a poet. Good knowledge at literature and music.

V. Virtues & Soft Skills

Following are my best virtues:

- Commitment and loyalty are my greatest virtues. I always work in enthusiastic spirit and treat everyone by the same respectful manner.
- Be creative and always desire to invent new product.
- Be enthusiastic and always help people with pleasure and harmonious to join team work.
- Having keen intelligence and excellent ability to solve problem with fastest speed and highest accuracy.
- Having strategic mind and excellent organizational skill. I have the general view of problem, estimate the process and draw the best solution. I also have the detailed view of problem and always make plan before doing anything. For me, strategy is the intelligent way to achieve the goal and organizational skill is the

- combination of task assignment and co-operation.
- Having very good interpersonal skill and ability to persuade other persons.
- Having very good time management skill, scheduling everything in scientific method and having ability to do many things at the same time without confusion.
- Having good decision-making ability.
- Be patient, be clear-sighted, be brave, do always keep calm and be ready to sacrifice for his love persons.
- Keen on understanding and reviewing scientific problems.
- Having an excellent aptitude of art, especially poetry.

VI. Research & Teaching Experiences

Research experiences

- 04/2015– Writing the book “*Matrix Analysis and Calculus*” which is the product mentioned in section IX.
12/2015 [Products and Projects](#). The book is the survey of matrix analysis and calculus.
- 2015– [Lead Guest Editor](#) of Special Issue “*Some Novel Algorithms for Global Optimization and Relevant Subjects*”, [Applied and Computational Mathematics Journal](#). Science Publishing Group, USA © Copyright 2015-2017. The issue focuses on global optimization which means that how to find out the global peak over the whole function. The issue is mentioned in section IX. [Products and Projects](#).
- 2014– Writing [the first edition of the book “Mathematical Approaches to User Modeling”](#) which is the product mentioned in section IX. [Products and Projects](#). The book introduces my innovative mathematical works applied into user modeling.
- 11/2013– Researching mathematics at [Institute of Mathematics - Vietnam Academy Institute of Science and Technology](#). The resulted project is “[Approximation of analytic function](#)” (2014), mentioned in section IX. [Products and Projects](#).
- 11/2011– Research, design, implement and test scientific projects at [Sunflower Soft Company, Ho Chi Minh city, Vietnam](#). The projects are mentioned in section IX. [Products and Projects](#).
now
- 2011– Researcher with the scientific project “[Phoebe – A framework of estimating fetus weight and age](#)” mentioned in the section IX. [Products and Projects](#) at [Sunflower Soft Company, Ho Chi Minh city, Vietnam](#)
- 2010– Research consultant at [TMA Solution Company, Ho Chi Minh city, Vietnam](#).
2011
- Researching in CMS system.
 - Finding out solutions in system drivers.
 - Finding out solutions in programming language processing.
 - Finding out solutions in computer graphics and game projects.
 - Finding out solutions in mobile projects.
- 2007– Researcher with the scientific project “[Zebra – A User Modeling System for Adaptive Learning](#)” mentioned in the section IX. [Products and Projects](#) at [University of Science, Ho Chi Minh city, Vietnam](#)
- 2005– Designing and composing two special subjects: Oracle subject and Java subject at [An Giang University, Vietnam](#).
2007
- Researching e-learning system and developing software at [An Giang University, Vietnam](#).
 - Developing an online collaboration and learning environment based on the open source e-learning software named [Sakai](#).
 - Developing [An Giang University](#) web portal named aguPortal based on the open source portal so-called [uPortal](#).
 - Join the group with Mr. Tran, Teo V., building a system that manages digital materials such as articles and preprints, technical reports, etc. This system based on the open source software [Dspace – MIT Libraries](#) was used in [An Giang University, Vietnam](#).
- 2003– Researcher with the scientific project “[AGmagic – An image searching framework](#)” mentioned in the section IX. [Products and Projects](#) at [Center of Software Technology and Center of Information Technology Development, Ho Chi Minh city, Vietnam](#)
2005

Teaching Experiences

- 2013 Support in data analysis to Dr. Ho, Hang T. T., [National Assembly Deputies of Vietnam](#), when she do her research. Please see the section [XII. References](#) to know her.

- 2012– Support PhD student Do, Phung T. M., [Ho Chi Minh University of Information Technology](#), when she do
2013 her research.
- 2008– Lecturer at [University of Science, Ho Chi Minh city, Vietnam](#).
2009
- 2008 Supervisor to students Hoang, Anh T. Q. and Hoang, Lieu T. with thesis “Web operating system research and application” at [University of Science, Ho Chi Minh city, Vietnam](#).
- 2008 Supervisor to students Nguyen, Tai V. and Nguyen, Dung T. K. with thesis “Research and application to SOA architecture with J2EE platform” at [University of Science, Ho Chi Minh city, Vietnam](#).
- 2005– Lecturer at [An Giang University, Vietnam](#).
2007 Supervisor to student Tran, Teo V. at [An Giang University, Vietnam](#).
Study helper to student Jesse Beckingham, Germany at [An Giang University, Vietnam](#).

VII. Working Experiences

- 09/2015– Creative writer at [AllPoetry](#).
now
- 04/2014– Incorporating with [LAMBERT Academic Publishing](#) - a trademark of OmniScriptum GmbH & Co. KG
12/2015 to publish the book “*Matrix Analysis and Calculus*” which is the product mentioned in section IX.
[Products and Projects](#).
- 03/2015– Working in [Quality Assurance Committee](#) of [Statistics Without Borders - American Statistical Association](#).
now
- 2014– Incorporating with [Scientific Research Publishing \(SCIRP\), China](#) to publish the first edition of the
2015 book “*Mathematical Approaches to User Modeling*” which is the product mentioned in section IX.
[Products and Projects](#).
- 2014– Serving as author, reviewer and editor in a wide range of international journals listed in the subsection
now [Reviewers and Editors](#).
- 2014– Writing scientific books at [Sunflower Soft Company, Ho Chi Minh city, Vietnam](#).
now
- 2011– [Director](#) at [Sunflower Soft Company, Ho Chi Minh city, Vietnam](#) as director with duties: researcher,
now software architecture, programming, administration, human resource and finance. Main area focuses
on scientific project and data analysis.
- 2010– Working at [TMA Solution Company, Ho Chi Minh city, Vietnam](#) as consultant specialist with duties:
2011 researching and developing software. Main areas include programming language processing,
computer graphics, game and mobile.
- 2008– Working at following companies:
2009
- Working at [University of Science, Ho Chi Minh city, Vietnam](#) as lecturer in Information Technology Department.
 - Working at [MVN Company, Ho Chi Minh city, Vietnam \(now known as MVNSoft JSC\)](#) as team leader in developing company website.
 - Working at Bixon Company as senior developer in programming on data integration software.
 - Working at [SECUDE Company](#) as senior developer with duty: developing the GUI so called Management Console for manipulating Smart Card (co-operate with another person). My main duties were to build up MVC model and write basic functions. This software allows administrator to store, search and manage information in smart card. I also develop encryption functions.
- 2005– Working at [An Giang University, Vietnam](#) as researcher and lecturer with duties:
2007
- Lecturing at the Information Technology Department of [An Giang University, Vietnam](#).
 - Join the group developing education software at the Library of [An Giang University, Vietnam](#).
- 2002– Working at [Center of Software Technology and Center of Information Technology Development, Ho Chi Minh city, Vietnam](#) as software developer and lecturer with duties:
2005
- Join the group developing university portal.
 - Lecturing Java course.
- 2005 Directorate Board member of CLD software company.
- 2001– Working at WorldSoft Company, Vietnam as software developer with following duties:

2002

- Project description: surveying passenger luggage through X-ray tube at airport.
- Responsibilities: programming DirectX function.

1993-
now

On development of literature career by composing poems. These poetry writings are listed in section [Art Works](#).

1993-
1997

Working as Oriental astrologer.

VIII. Publications

Science and technology – Articles

1. Nguyen, L. (2016). *Longest-path Algorithm to Solve Uncovering Problem of Hidden Markov Model*. (L. Nguyen, & M. A. MELLAL, Eds.) *Special Issue "Some Novel Algorithms for Global Optimization and Relevant Subjects"*, Applied and Computational Mathematics (ACM).
2. Nguyen, L. (2016). *Tutorial on Hidden Markov Model*. (L. Nguyen, & M. A. MELLAL, Eds.) *Special Issue "Some Novel Algorithms for Global Optimization and Relevant Subjects"*, Applied and Computational Mathematics (ACM).
3. Nguyen, L. (2016). *Tutorial on Support Vector Machine*. (L. Nguyen, & M. A. MELLAL, Eds.) *Special Issue "Some Novel Algorithms for Global Optimization and Relevant Subjects"*, Applied and Computational Mathematics (ACM).
4. Nguyen, L. (2016). A Framework of E-commercial Recommendation Algorithms. In A. Fred, J. Dietz, D. Aveiro, K. Liu, J. Filipe, A. Fred, J. Dietz, D. Aveiro, K. Liu, & J. Filipe (Eds.), *European Project Space on Knowledge Technology and Health Applications*. Lisbon, Portugal: SCITEPRESS.
5. Nguyen, L. (2016, April 8). *Newversion of CAT algorithm by maximum likelihood estimation*. (B. N. Buszewski, Ed.) *Sylvan Journal*, 160(4), 218-244.
6. Nguyen, L. (2016, March 28). *Theorem of SIGMA-gate Inference in Bayesian Network*. (V. S. Franz, Ed.) *Wulfenia Journal*, 23(3), 280-289.
7. Nguyen, L. (2016, February). *Specifying Prior Probabilities in Bayesian Network by Maximum Likelihood Estimation method*. (B. N. Buszewski, Ed.) *Sylvan Journal*, 160(2), 281-298.
8. Nguyen, L., & Ho, H. (2015, November 23). *A proposed method for choice of sample size without pre-defining error*. (F. Shi, Ed.) *Journal of Data Analysis and Information Processing (JDAIP)*, 3(4), 163-167. doi:10.4236/jdaip.2015.34016
9. Nguyen, L. (2015, November 13). *A New Approach for Collaborative Filtering based on Bayesian Network Inference*. The 7th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. 1: KDIR (IC3K-2015), pp. 475-480. Lisbon, Portugal: SCITEPRESS - Science and Technology Publications, Lda. doi:10.5220/0005635204750480
10. Nguyen, L. (2015, October 9). *An Advanced Approach of Local Counter Synchronization in Timestamp Ordering Algorithm in Distributed Concurrency Control*. (N. John, Ed.) *Open Access Library Journal (OALib Journal)*, 2(10), 1-5. doi:10.4236/oalib.1100982
11. Nguyen, L. (2015, September 28). *Introduction to A Framework of E-commercial Recommendation Algorithms*. (A. e. Shabayek et al., Eds.) *American Journal of Computer Science and Information Engineering (AJCSIE)*, 2(4), 33-44. Retrieved from <http://www.aascit.org/journal/archive2?journalId=912&paperId=1894>.
12. Nguyen, L., & Ho, H. (2015, January 12). *A fast computational formula for Kappa coefficient*. (A. Genc, S.-A. Xue, R. Rison, & V. Rocha, Eds.) *Science Journal of Clinical Medicine (SJCm)*, 4 (1), 1-3. doi:10.11648/j.sjcm.20150401.11
13. Nguyen, L. (2015, January 10). *Feasible length of Taylor polynomial on given interval and application to find the number of roots of equation*. (A. Moustafa et al., Eds.) *International Journal of Mathematical Analysis and Applications*, 1 (5), 80-83. Retrieved from <http://www.aascit.org/journal/archive2?journalId=921&paperId=1017>
14. Nguyen, L. (2014, December 6). *Evaluating Adaptive Learning Model*. *Interactive Collaborative Learning (ICL)*, 2014 International Conference on (pp. 818-822). Dubai, UAE: IEEE Publisher.

15. Nguyen, L. (2014, October 21). *Improving analytic function approximation by minimizing square error of Taylor polynomial*. (A. Moustafa et al., Eds.) *International Journal of Mathematical Analysis and Applications*, 1 (4), 63-67. Retrieved from <http://www.aascit.org/journal/archive2?journalId=921&paperId=1016>
16. Nguyen, L. (2014, September). *Theorem of logarithm expectation and its application to prove sample correlation coefficient as unbiased estimate*. (A. Guezane-Lakoud, W. P. Fox, E. Francomano, S. A. Episkoposian, E. Nadaraya, A. N. Raikov, et al., Eds.) *Journal of Mathematics and System Science*, 4 (9), 605-608. doi:10.17265/2159-5291/2014.09.003
17. Nguyen, L. (2014, May). *A New Algorithm for Modeling and Inferring User's Knowledge by Using Dynamic Bayesian Network*. (M. Z. Raqab, Ed.) *Statistics Research Letters (SRL)*, 3 (2). Retrieved from <http://www.srl-journal.org/paperInfo.aspx?ID=6933>
18. Nguyen, L. (2014, May 28). *User Model Clustering*. (F. Shi, Ed.) *Journal of Data Analysis and Information Processing (JDAIP)*, 2 (2), 41-48. doi:10.4236/jdaip.2014.22006
19. Nguyen, L. (2014, April). *A User Modeling System for Adaptive Learning*. University of Science, Ho Chi Minh city, Vietnam. Abuja, Nigeria: *Standard Research Journals*. Retrieved from <http://standresjournals.org/journals/SSRE/Abstract/2014/april/Loc.html>
20. Nguyen, L., & Ho, H. (2014, March 30). *A framework of fetal age and weight estimation*. (B. S. Shetty, J. Morales, a. badawy, C. Mowa, K. K. Shukla, T. Chen, et al., Eds.) *Journal of Gynecology and Obstetrics (JGO)*, 2 (2), 20-25. doi:10.11648/j.jgo.20140202.13
21. Nguyen, L. (2013). *A New Approach for Modeling and Discovering Learning Styles by Using Hidden Markov Model*. (G. Perry et al., Eds.) *Global Journal of Human Social Science: G - Linguistics & Education*, 13 (4 Version 1.0 Year 2013), 1-10. Retrieved from <http://socialscienceresearch.org/index.php/GJHSS/article/view/609>
22. Nguyen, L. (2013, July 15). *Overview of Bayesian Network*. University of Technology, Ho Chi Minh city, Vietnam. Warri, Delta State, Nigeria: *Science Journal Publication*. doi:10.7237/sjms/105
23. Nguyen, L. (2013, June). *The Bayesian approach and suggested stopping criterion in Computerized Adaptive Testing*. (A. T. Al-Taani, Ed.) *International Journal of Research in Engineering and Technology (IJRET)*, 2 (1-2103), 36-38. Retrieved from <http://journalsweb.org/siteadmin/upload/74977%20IJRET021007.pdf>
24. Nguyen, L. (2011). *The method of seven qigong exercises of archery simulation*. (V. H. Nguyen, Ed.) Nguyen Hoai Van's website.
25. Nguyen, L. (2010). *Discovering User Interests by Document Classification*. In I.-H. Ting, H.-J. Wu, T.-H. Ho, I.-H. Ting, H.-J. Wu, & T.-H. Ho (Eds.), *Mining and Analyzing Social Networks* (Vol. 288 In series "Studies in Computational Intelligence", pp. 139-159). Springer Berlin Heidelberg. doi:10.1007/978-3-642-13422-7_9
26. Nguyen, L. (2010). *Overview of The System of Acupuncture Spots in Oriental Medicine based on Oriental Philosophy*. (L. Nguyen, Ed.) doi:10.13140/RG.2.1.1842.9526
27. Nguyen, L. (2009, September 25). *Incorporating Bayesian Inference into Adaptation Rules in AHA architecture*. Proceedings of 12th International Conference Interests Interactive Computer aided Learning (ICL2009). Villach, Austria: Kassel University Press, Kassel, Germany. Retrieved from <http://www.icl-conference.org/dl/proceedings/2009/archive.htm>
28. Nguyen, L. (2009, August 31). *A Proposal Discovering User Interests by Support Vector Machine and Decision Tree on Document Classification*. The International Workshop on Social Networks Mining and Analysis for Business Applications (SNMABA2009) in conjunction with The 2009 IEEE International Conference on Social Computing (SocialCom), 4, pp. 809-814. Vancouver, Canada: Computational International Conference on Science and Engineering 2009 (CSE '09), IEEE Publisher. doi:10.1109/CSE.2009.112
29. Nguyen, L., & Do, P. (2009, July 16). *Evolution of parameters in Bayesian Overlay Model*. In H. R. Arabnia, D. d. Fuente, & J. A. Olivas (Eds.), Proceedings of The 2009 International Conference on Artificial Intelligence (IC-AI'09), The 2009 World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP'09) (pp. 324-329). Monte Carlo Resort, Las Vegas, Nevada, USA: CSREA Press USA. Retrieved from http://www.researchgate.net/publication/220834553_Evolution_of_Parameters_in_Bayesian_Overlay_Model
30. Nguyen, L. (2009, July 16). *State of the Art of Adaptive Learning*. In H. R. Arabnia, A. Bahrami, & A. M. Solo (Eds.), Proceedings of The 2009 International Conference on e-Learning, e-Business, Enterprise Information

Systems, and e-Government (EEE 2009). The 2009 World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP'09) (pp. 126-133). Las Vegas, Nevada, USA: CSREA Press USA. Retrieved from

http://www.researchgate.net/publication/220834553_Evolution_of_Parameters_in_Bayesian_Overlay_Model

This is study report which does not contains my scientific findings. I keep it in my publications so as to note my first effort in research career and express my deep gratitude to authors who provided me theirs invaluable materials and works for studying in my early research career.

For authors who I did not make references to their works, I apologize deeply them for this error. For fixing this error, I have made the full references in the book that contains this report.

31. Nguyen, L. (2009, July 10). *ZEBRA: A new User Modeling System for Triangular Model of Learners' Characteristics*. In G. D. Magoulas, P. Charlton, D. Laurillard, K. Papanikolaou, & M. Grigoriadou (Ed.), *AIED 2009: 14th conference on Artificial Intelligence in Education*, Proceedings of the Workshop on "Enabling creative learning design: how HCI, User Modeling and Human Factors Help" (pp. 42-51). Brighton, United Kingdom: IOS Press Amsterdam, The Netherlands, The Netherlands. Retrieved from http://www.dcs.bbk.ac.uk/~gmagoulas/LD_WorkshopsProceedings-web.pdf#page=46
32. Nguyen, L., & Do, P. (2009, June 3). *Learning Concept Recommendation based on Sequential Pattern Mining*. In E. Chang, F. Hussain, & E. Kayacan (Ed.), Proceedings of *The 2009 Third International Digital Ecosystems and Technologies Conference (IEEE-DEST 2009)* (pp. 66-71). Istanbul, Turkey: IEEE Publisher. doi:10.1109/DEST.2009.5276694
33. Nguyen, L., & Do, P. (2009). *Combination of Bayesian Network and Overlay Model in User Modeling*. (M. E. Auer, Ed.) *International Journal of Emerging Technologies in Learning (IJET)*, 4 (4), 41-45. doi:10.3991/ijet.v4i4.684
34. Nguyen, L., & Do, P. (2008). *Learner Model in Adaptive Learning*. Ho Chi Minh, Vietnam: *University of Information Technology*.
This is study report which does not contains my scientific findings. I keep it in my publications so as to note my first effort in research career and express my deep gratitude to authors who provided me theirs invaluable materials and works for studying in my early research career.
For authors who I did not make references to their works, I apologize deeply them for this error. For fixing this error, I have made the full references in the book that contains this report.

Science and Technology – Books

1. Nguyen, L. (2015, December 15). *Matrix Analysis and Calculus* (1st ed.). (C. Evans, Ed.) Hanoi, Vietnam: Lambert Academic Publishing. Retrieved from <https://www.shuyuan.sg/store/gb/book/matrix-analysis-and-calculus/isbn/978-3-659-69400-4>
2. Nguyen, L. (2016). *Mathematical Approaches to User Modeling*. Long Xuyen, An Giang, Vietnam: Scientific Research Publishing (SCRIP), China.

Science and Technology – Demonstrations

1. Nguyen, L. (2015, November 13). *A Framework of E-commercial Recommendation Algorithms*. (L. Nguyen, Director, & L. Nguyen, Performer) *The European Project Space*, Lisbon, Portugal. Retrieved from <http://www.ic3k.org/RDCcommunity.aspx?y=2015>
2. Nguyen, L. (2014, December 5). *A User Modeling System for Adaptive Learning*. (L. Nguyen, Director, & L. Nguyen, Performer) *The 17th International Conference on Interactive Computer aided Learning (ICL2014)*, *The 2014 World Engineering Education Forum, Engineering Education For A Global Community*, Dubai, UAE.
3. Nguyen, L. (2013, November). *A Framework of E-commercial Recommendation Algorithms*. (L. Nguyen, Director, & L. Nguyen, Performer) *Saigon Hi-Tech Park Incubation Center (SHTP-IC)*, Ho Chi Minh, Vietnam.
4. Nguyen, L. (2013, October 17). *A Framework of E-commercial Recommendation Algorithms*. (L. Nguyen, Director, & L. Nguyen, Exhibitor) *The 2013 conference "Approaches to Foreign Capital for Enterprises"*, *Vietnam Chamber of Commerce and Industry (VCCI)*, Ho Chi Minh, Vietnam.
5. Nguyen, L. (2013, November). *A Framework of E-commercial Recommendation Algorithms*. (L. Nguyen, Director, & L. Nguyen, Introducer) *University of Science*, Ho Chi Minh, Vietnam.

Social Science – Articles

1. Nguyen, L. (2011, December). *Essay On Leadership*. PACE Institute of Management. Ho Chi Minh city, Vietnam: Loc Nguyen's Homepage. doi:10.13140/RG.2.1.4101.1929
2. Nguyen, L. (2010). *Convergence of Confucianism, Buddhism and Taoism*. In L. Nguyen (Ed.), *Leu Chong Zen Club's Conference*. Ho Chi Minh city, Vietnam: Loc Nguyen's Homepage. doi:10.13140/RG.2.1.2004.0407

Economics – Articles

1. Nguyen, L. (2011). *Accounting manual*. Institute of Human Resource Development, University of Economics. Ho Chi Minh city, Vietnam: Loc Nguyen's Homepage. doi:10.13140/RG.2.1.1053.7687

IX. Products and Projects

Science and Technology

1. The book "**Matrix Analysis and Calculus**" (2015, December 15)

<i>Type</i>	Book
<i>Abstract</i>	Statistics, multivariate data analysis and convex optimization are applied widely in many scientific domains and most analytical techniques are developed based on matrix analysis and matrix calculus because matrix is abstract representation of multivariate data. Although it is slightly confused for us to comprehend their concepts and theories, matrix analysis and calculus give us exciting results which enhance data analysis techniques to be more plentiful and accurate. So the report is survey of matrix analysis and calculus, which includes five main sections such as basic concepts, matrix analysis, matrix derivative, composite derivative, and applications of matrix. Matrix derivative and composite derivative are subjects of matrix calculus. <i>Keywords:</i> Matrix Algebra, Matrix Analysis, Matrix Calculus.
<i>Identifiers</i>	ISBN-13: 978-3-659-69400-4, ISBN-13: 978-3-659-69400-4 EAN: 9783659694004 Number of pages: 72
<i>Organizations</i>	<i>Operating agency:</i> Sunflower Soft Company, Ho Chi Minh city, Vietnam. <i>Awarding agency:</i> LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH & Co. KG.
<i>Role</i>	Author
<i>Amount</i>	Royalty
<i>Duration</i>	01/2014 – 12/2015
<i>Links</i>	https://www.shuyuan.sg/store/gb/book/matrix-analysis-and-calculus/isbn/978-3-659-69400-4

2. Special Issue "**Some Novel Algorithms for Global Optimization and Relevant Subjects**" (2017)

<i>Type</i>	Special Issue
<i>Abstract</i>	We always try our best to create best results but how we can do so? Mathematical optimization is a good answer for above question if our problems can be modeled by mathematical model. The common model is analytic function and it is very easy for us to know that optimization becomes finding out extreme points of such function. The issue focuses on global optimization which means that how to find out the global peak over the whole function. It is very interesting problem because there are two realistic cases as follows: <ul style="list-style-type: none">◦ We want to get the best solution and there is no one better than this solution.◦ Given a good solution, we want to get another better solution. However, global optimization is also complicated because it is relevant to other mathematical subject such as solution existence and approximation. The issue also mentions these subjects. Your attention please, the issue focuses on algorithms and applied methods to solve problem of global optimization. Thus, theoretical aspects relevant to functional analysis are mentioned very little.
<i>Identifiers</i>	
<i>Organizations</i>	<i>Funding agency:</i> Sunflower Soft Company, Ho Chi Minh city, Vietnam. <i>Awarding agency:</i> Science Publishing Group, New York, USA.
<i>Role</i>	Leader
<i>Amount</i>	5,000\$

Duration 2015 – 2017

Links <http://www.sciencepublishinggroup.com/specialissue/147012>

3. The first edition of the book "**Mathematical Approaches to User Modeling**" (2016)

Type Book

Abstract The first edition of the book "*Mathematical Approaches to User Modeling*" (2016) is developed from the PhD dissertation "*A User Modeling for Adaptive Learning*" aforementioned in section I. *Education*. Following is the abstract of the book. User model is description of user's information and characteristics in abstract level. User model is very important to adaptive software which aims to support user as much as possible. The process to construct user model is called user modeling. As the title suggests, the book focuses on mathematical approaches to user modeling. The book includes seven main chapters and one extra chapter:

1. Chapter I is a survey of user model, user modeling, and adaptive learning.
2. Chapter II introduces the general architecture of the proposed user modeling system Zebra and TLM.
3. Chapter III, IV, V describes three sub-models of TLM such as knowledge sub-model, learning style sub-model, and learning history sub-model in full of mathematical formulas and fundamental methods. These are the most important chapters.
4. Chapter VI gives some approaches to evaluate TLM and Zebra.
5. Chapter VII summarizes the research and discusses future trend of Zebra.
6. Chapter VIII is a full mathematical description of Bayesian network. Note that Bayesian network was used to build up the knowledge sub-model mentioned in chapter III. Chapter VIII is an extra chapter.

Please pay attention to chapters II, III, IV, and V. Chapter II gives essential aspects of TLM and Zebra according to general viewpoint. Chapter III, IV, and V are the heaviest ones filled with a lot of knowledge. It is easy for you to understand TLM and Zebra if you study chapters III, IV, and V cautiously. The whole book is available at internet link: <http://www.locnguyen.net/st/books/mum>

In general, the first difference of the book is to introduce my innovative works in mathematics, probability, user modeling, machine learning, data mining, and adaptive learning. The second difference is that the user modeling system Zebra is implemented as computer software associated to the book, available at internet link: <http://www.locnguyen.net/st/dissertations/zebra>

Moreover, examples, mathematical formulas, and mathematical models inside the book are implemented separately and integrated into another computer software.

Identifiers

Organizations *Operating agency:* [Sunflower Soft Company, Ho Chi Minh city, Vietnam.](#)

Awarding agency: [Scientific Research Publishing \(SCIRP\), China.](#)

Role Author

Amount 24,000\$

Duration 2014 – 2016

Links

4. The mathematical research "**Approximation of analytic function**" (2014)

Type Research articles

Abstract The research proposes two approaches to approximate a given analytic function based on Taylor polynomial. The research produces two papers "*Improving analytic function approximation by minimizing square error of Taylor polynomial*" and "*Feasible length of Taylor polynomial on given interval and application to find the number of roots of equation*" aforementioned in section VIII. *Publications*.

Identifiers

Organizations *Funding agency:* [Sunflower Soft Company, Ho Chi Minh city, Vietnam.](#)

Academic agency: [Institute of Mathematics - Vietnam Academy Institute of Science and Technology.](#)

Role Author

Amount 200\$

Duration 10/2013 – 08/2014

Links [http://www.aascit.org/journal/archive2?journalId=921&paperId=1017.](http://www.aascit.org/journal/archive2?journalId=921&paperId=1017)

[http://www.aascit.org/journal/archive2?journalId=921&paperId=1016.](http://www.aascit.org/journal/archive2?journalId=921&paperId=1016)

5. **Hudup - A framework of e-commercial recommendation algorithms** (2013)

Type Research project and middleware

Abstract Recommendation algorithm is very important for e-commercial websites when it can

recommend online customers favorite products, which results out an increase in sale revenue. I propose the framework of e-commercial recommendation algorithms. This is a middleware framework or “operating system” for e-commercial recommendation system, which support scientists and software developers build up their own recommendation algorithms based this framework with low cost, high achievement and fast speed. Moreover, two inventive algorithms for collaborative filtering based on mining maximum frequent set and Bayesian network are built inside the framework.

The research project is proposed in [the European Project Space](#). The research introduction is published in [American Journal of Computer Science and Information Engineering \(AJCSIE\)](#), Vol. 2, No. 4, October 2015 and presented at [International Conference on Data, Information and Knowledge Management \(DIKM 2015\)](#).

Note that [Hudup – A framework of e-commercial recommendation algorithms](#) (2013) is also my postdoctoral research in computer science, aforementioned in section I. [Education](#).

Identifiers

Organizations *Operating agencies:* [Sunflower Soft Company, Ho Chi Minh city, Vietnam](#) and [Ho Chi Minh University of Information Technology](#) represented by MSc. Do, Phung T. M.
Awarding agency: [Vietnam Chamber of Commerce and Industry \(VCCI\)](#)

Role Leader

Amount 76,000

Duration 2011 – 2013

Links <http://www.locnguyen.net/st/products/hudup>

6. [Phoebe – A framework of estimating fetus weight and age](#) (2013)

Type Research project

Abstract The project builds up a framework to estimate fetal weight and age via ultrasound measures. In general, this project has two objectives:

- Proposing an effective algorithm which produces highly accurate formulas. This algorithm is a heuristic approach that always results in optimal formulas by the fastest way.
- Introducing a framework that sets up the new algorithm in first goal and builds up a statistical tool which supports physicians and researchers in birth estimation domain. Moreover, physicians and researchers can discover new estimate formulas by themselves.

Identifiers

Organizations *Operating agency:* [Sunflower Soft Company, Ho Chi Minh city, Vietnam](#).

Funding agency: [Vinh Long General Hospital, Vinh Long province, Vietnam](#), represented by Dr. Ho, Hang T. T.

Role Leader

Amount 2,120\$

Duration 2011 – 2013

Links <http://www.locnguyen.net/st/products/phoebe>

7. [RIM - Industrial robot simulator](#)

Type IT simulator

Abstract The project “[RIM - Industrial robot simulator](#)” produces a simulation system for industrial robot arms (work in progress).

Identifiers

Organizations *Operating agency:* [Sunflower Soft Company, Ho Chi Minh city, Vietnam](#).

Role Leader

Amount

Duration 2011 - now (Work in progress)

Links <http://www.locnguyen.net/st/products/rim>

8. [Zebra – A User Modeling System for Adaptive Learning](#) (2009)

Type PhD dissertation

Abstract This research proposes a learner model that consists of three essential kinds of information about learners such as knowledge, learning style and learning history. Such three characteristics form a triangle and so this learner model is called Triangular Learner Model (TLM). The ideology of TLM is that user characteristics are various and only some information is really necessary to adaptive learning and an optimal user modeling system should choose essential information relating to user’s study to build up learner model. According to this ideology, TLM will cover the whole of user’s information required by learning adaptation

process and give the best support to adaptive learning. Moreover, TLM emphasizes on the inference mechanism by applying Bayesian network and Markov model into modeling user knowledge and learning style. Intelligent deduction is the best feature of TLM instead of providing user information only as normal user modeling system.

This project "[Zebra – A User Modeling System for Adaptive Learning](#)" (2009) is also my PhD dissertation in computer science, aforementioned in section I. [Education](#). The dissertation is [awarded as excellent research by Standard Research Journals, August 2013](#) and [certified for attending The 2014 World Engineering Education Forum \(WEEF2014\) at Dubai, UAE, December 2014](#).

Identifiers

Organizations *Operating agency:* Individual.

Academic agency: [University of Science, Ho Chi Minh city, Vietnam](#).

Role Leader

Amount

Duration 2007 – 2009

Links <http://www.locnguyen.net/st/dissertations/zebra>.

9. [AGmagic – An image searching framework](#) (2005)

Type Master dissertation

Abstract The research build up the image searching framework named AGmagic. The framework AGmagic uses the method so-called Markov Model Mediator to combine low-level features and high-level semantics contents of images in order to find images. Low-level features were extracted from segmentation, color histogram, color gradient, centroid. High-level semantic contents learned from user feedback are measures that reflect personal subjective feeling about the similarity among images. The combination of low-level features and high-level semantic contents gives out excellent result in searching images. Moreover AGmagic framework implements very successfully the segmentation algorithm.

AGmagic is also my master dissertation in computer science, aforementioned in section I. [Education](#).

Identifiers

Organizations *Operating agency:* Individual.

Funding agency: [Vietnam National University, Ho Chi Minh city](#) and [An Giang University, Vietnam](#).

Role Leader

Amount

Duration 2002 – 2005

Links <http://www.locnguyen.net/st/dissertations/agmagic>

10. [Design – Implementation of database algebra algorithms](#) (2004)

Type Computer software

Abstract The software [Design](#) implements most algorithms of database algebra, version 1.0 copyright 2000, which is developed when I was studying the subject "Database Design" with teacher Nguyen, T. D. Tien at University of Science. The version 2.0 is issued in 2004 at the Center of Information Technology Development, now known as University of Information Technology, National University, Ho Chi Minh city, Vietnam. Software Design is written in Microsoft Visual C++ 6.0. The next version will support operating directly on databases such as MS Access, MS SQL Server, MySQL, Oracle and has more enhanced functions.

Identifiers

Organizations *Operating agency:* Individual.

Academic agency: [University of Science, Ho Chi Minh city, Vietnam](#).

Role Leader

Amount

Duration 2000 – 2004

Links <http://www.locnguyen.net/st/products/design>

X. Art Works

Poetry Writings

I have an excellent aptitude of art, especially poetry. I have composed around 240 poems and a verse story, many of

which are masterpieces. Followings are verse collections.

1. The eighth literary work is the collection of 36 poems "*Viết tiếp thơ ơi*" (2011 – now).
2. The seven literary work is the collection of 4 poems "*华语*" written in Chinese (2013 – now).
3. The sixth literary work is the selected collection "*Lục bát truyền nhân*" (2006 – 2013).
4. The fifth literary work is the collection of 40 poems "*Lại chưa đặt tên*" (2011).
5. The fourth literary work is the collection of 50 poems "*Chưa đặt tên*" (2010).
6. The third literary work is the collection of 55 poems "*Ca dao blog*" (2009).
7. The second literary work is the verse story "*Lục Kiều thời @*" (2008).
8. The maiden literary work is the collection of 55 poems "*Tặng*" (2007).

Music Albums

1. The second album is "*Lục Bát Truyền Nhân*" (06/2015). The album includes 11 songs by famous artists: *NSUT Hồng Vân, Lê Thu, Bích Ngọc, Thu Thủy, Đài Trang, Mộng Thu, Ngô Đình Long*.
2. The first album is "*Tặng*" (2007). The album includes 13 songs by famous artists: *Hồng Vân, Bích Ngọc, Lê Hương, Ngô Đình Long*.

XI. Honors and Awards

Date	Honors, awards and scholarships
04/2016 (3)	Certificate to reviewer awarded by SCIENCEDOMAIN international .
04/2016 (2)	Certificate to reviewer awarded by SCIENCEDOMAIN international .
04/2016 (1)	Certificate to reviewer awarded by SCIENCEDOMAIN international .
03/2016	Certificate Of Reviewer Recognition awarded by Global Research and Development Journals (GRD) .
03/2016	Appreciation Letter For Active Reviewers awarded by International Academy of Computer & IT Engineering (IACITE) .
03/2016	Excellent evaluation on the article "New version of CAT algorithm by maximum likelihood estimation" by Sylwan Journal (Thomson Reuters-SCIE).
03/2016	Appreciation Letter For Active Reviewers awarded by Emirates Association of Computer, Electrical & Electronics Engineers (EACEEE) .
03/2016	Appreciation Letter For Active Reviewers awarded by International Institute of Engineers (IIE) .
03/2016	Certificate to reviewer awarded by SCIENCEDOMAIN international .
03/2015- 04/2015	Fellowship awarded by Royal Statistical Society .
02/2016 (2)	Certificate to reviewer awarded by SCIENCEDOMAIN international .
02/2016 (1)	Certificate to reviewer awarded by SCIENCEDOMAIN international .
01/2016 (2)	Certificate to reviewer awarded by SCIENCEDOMAIN international .
01/2016 (1)	Certificate to reviewer awarded by SCIENCEDOMAIN international .
12/2015	Participating in the seminar "Awareness of International Enterprise Integration", PACE Institute of Management and The Institute for Research on Educational Development (IREd) , 28th December 2015, Ho Chi Minh city, Vietnam.

12/2015	Certificate to reviewer awarded by SCIENCEDOMAIN international .
12/2015	Professional member of Association for Computing Machinery (ACM).
11/2015	Elected member of London Mathematical Society (LMS).
11/2015	Academic Partners of International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K).
11/2015	Certificate to the paper "A New Approach for Collaborative Filtering based on Bayesian Network Inference" certified by Institute for Systems and Technologies of Information, Control and Communication (INSTICC).
11/2015	Certificate to the research project "Hudup – A framework of e-commercial recommendation algorithms" certified by Institute for Systems and Technologies of Information, Control and Communication (INSTICC).
11/2015	Academic Editor of the article "Role of Feature Selection on Leaf Image Classification" published in Journal of Data Analysis and Information Processing (JDAIP) , Scientific Research Publishing (SCIRP).
10/2015	Certificate to reviewer awarded by International Knowledge Press .
11/2015	Schengen visa entry permission for joining The 7th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K 2015) at Lisbon, Portugal.
09/2015	Invitation letter for Portugal visa entrance to participate in The 7th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K 2015) by Institute for Systems and Technologies of Information, Control and Communication (INSTICC).
09/2015	Acceptance letter for participation in the European Project Space with the project "Hudup – A framework of e-commercial recommendation algorithms" by Institute for Systems and Technologies of Information, Control and Communication (INSTICC).
09/2015	Acceptance letter for publishing the paper "A New Approach for Collaborative Filtering based on Bayesian Network Inference" by 7th International Conference on Knowledge Discovery and Information Retrieval (KDIR 2015) , Thomson Reuters - CPCI.
09/2015	Certificate to reviewer awarded by SCIENCEDOMAIN international .
07/2015	Postdoctoral Dissertation " Mathematical Approaches to User Modeling " submission successful in Journals Consortium .
06/2015	The music album " Lục Bát Truyền Nhân " by famous artists: <i>NSUT Hồng Vân, Lê Thu, Bích Ngọc, Thu Thủy, Đài Trang, Mộng Thu, Ngô Đình Long</i> .
05/2015	Technical Program Committee member of International Conference on Data, Information and Knowledge Management (DIKM 2015) , Guilin, China.
04/2015	Awarded to be student for Global MBA (Project Management) at London School of Business and Finance (LSBF) due to notable achievement. The London School of Business and Finance (LSBF) gains fine reputation recognised with a Queen's Award for Enterprise - further evidence of commitment to innovation, sustainability and development.
04/2015	LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH & Co. KG awards to publishing the book " Matrix Algebra and Calculus ".
04/2015	Certificate to reviewer awarded by SCIENCEDOMAIN international .
03/2015	Awarded as Co-leader of the project " Ebola Recovery " created and owned by Statistics Without Borders - American Statistical Association and British Red Cross .
02/2015	Member of Quality Assurance Committee of Statistics Without Borders - American Statistical Association .
02/2015	Lead Guest Editor of Special Issue " Some Novel Algorithms for Global Optimization and Relevant Subjects ", Applied and Computational Mathematics Journal . Science Publishing Group, USA © Copyright 2015-2017.
02/2015	Acceptance letter for publishing the article "Theorem of SIGMA-gate Inference in Bayesian Network" by Wulfenia Journal (Thomson Reuters-SCIE).
02/2015	Awarded as ResearcherID member: www.researcherid.com/rid/F-7019-2014 .
01/2015	Editorial Board Member of American Journal of Computer Science and Information Engineering , International Journal of Mathematical Analysis and Applications - American Association for Science and Technology (AASCIT) .
01/2015	Reviewer of American Journal of Science and Technology , American Journal of Computer Science and Information Engineering , International Journal of Mathematical Analysis and Applications - American Association for Science and Technology (AASCIT) .
01/2015	Scientific Research Publishing (SCIRP) , China awards to publishing the first edition of the book " Mathematical Approaches to User Modeling ".
12/2014	Visa entry permission for joining The 17th International Conference Interactive Collaborative Learning (ICL2014) , The 2014 World Engineering Education Forum (WEEF2014) at Dubai, UAE.

12/2014	Certified for attending The 2014 World Engineering Education Forum (WEEF2014) at Dubai, UAE.
10/2014	Appreciation Letter For Reviewing Article - PAK Publishing Group, Pakistan.
11/2014	Reviewer of International Journal of Mathematical Research - PAK Publishing Group, Pakistan.
07/2014	Good evaluation on the article "Specifying Prior Probabilities in Bayesian Network by Maximum Likelihood Estimation method" by Sylwan Journal (Thomson Reuters-SCIE).
11/2013 - 08/2014	Scholar visiting at Institute of Mathematics - Vietnam Academy Institute of Science and Technology .
08/2013	Joining the 8th Vietnam National Congress of Mathematics .
08/2013	Best innovators award for the course "Business Plan & Innovation" with the contesting product " Hudup – A framework of e-commercial recommendation algorithms ". Vietnam Chamber of Commerce and Industry (VCCI), Vietnam–Germany University and Leipzig University, Germany.
08/2013	Excellent completing the course "Sale Plan Skill" , awarded by EduGlobal Institute, Ho Chi Minh city, Vietnam.
08/2013	Excellent PhD research dissertation awarded by Standard Research Journals .
05/2013	Awarded as ORCID member: orcid.org/0000-0001-5192-8106 .
06/2012	Certified to be the official member of Vietnam Chamber of Commerce and Industry (VCCI) .
12/2011	Awarded for having successfully completed the blended learning course on " LEADERSHIP DEVELOPMENT PROGRAM FOR VISIONARY LEADERS ". Australian National University and PACE Institute of Leadership and Management, Vietnam in collaboration with Global Development Learning Network (Created by The World Bank).
2007	The music album " Tặng " by famous artists: Hồng Vân , Bích Ngọc , Lê Hương , Ngô Đình Long .

Date	Intellectual Properties and Patents	Status
2013	Patent for " Hudup – A framework of e-commercial recommendation algorithms ".	Submitting
2013	Intellectual property for PhD dissertation " A User Modeling for Adaptive Learning ".	Submitting
2013	Intellectual property for " Sunflower Soft Company trade mark".	Submitting
2013	Intellectual property for collection of poems " Tặng ".	Submitting
2013	Intellectual property for collection of poems " Ca dao blog ".	Submitting
2013	Intellectual property for collection of poems " Chưa đặt tên ".	Submitting
2013	Intellectual property for collection of poems " Lại chưa đặt tên ".	Submitting

XII. Talks and Interviews

XIII. Activities

Scientific Committees

04/2016– 11/2016	Honorable Organization Committee member of The 4th International Conference on Medical Informatics and Health , October 06-07, 2016 London, UK.
04/2016– 03/2017	Technical Program Committee member of 3rd EAI International Conference on Nature of Computation and Communication (ICTCC 2017) , March 16-17, 2017, Hue, Vietnam.
03/2016– 04/2016	Technical Program Committee member of the 2nd Annual International Conference on Network and Information Systems for Computers (ICNISC2016) . April 15-17, 2016, Wuhan, China.
03/2016– now	Program Committee member of the GlobalCIS International Conferences .
02/2016– 08/2016	Program Committee member of The 7th International Workshop on Mining and Analyzing Social Networks for Decision Support (MSNDS 2016) in conjunction with IEEE/ACM ASONAM 2016. August 18-21, 2016, UC Davis, Davis, CA, USA. <i>Organization Chair: Prof. Hsien Ting</i> , National University of Kaohsiung, Taiwan.
01/2016– 08/2016	Program Committee member of The 3rd Multidisciplinary International Social Networks Conference (MISNC 2016) . August 15-17, 2016, New Jersey, USA. <i>Program Chair: Prof. Hsien Ting</i> , National University of Kaohsiung, Taiwan.

12/2015	Technical Program Committee member of 2015 International Conference on Electrical, Electronics and Mechatronics (ICEEM2015) , December 20-21, 2015, Phuket, Thailand.
12/2015-03/2016	Technical Program Committee member of 2nd EAI International Conference on Nature of Computation and Communication (ICTCC 2016) , March 17-18, 2016, Rach Gia, Vietnam.
12/2015-11/2016	Technical Program Committee member of 5th EAI International Conference on Context-Aware Systems and Applications (ICCASA 2016) , November 24-25, 2016, Thủ Dầu Một, Vietnam.
09/2015-12/2015	Reviewer Committee member of International Conference on Computer, Control and Communication Technologies (CCCT) , December 3-4, 2015, Antalya, Turkey.
08/2015-03/2016	Technical Program Committee member of 10th INDIACom; 3rd 2016 International Conference on Computing for Sustainable Global Development , March 16-18, 2016.
07/2015-10/2015	Honorable Technical Program Committee member of International Conference on Artificial Intelligence, Software Engineering and Industrial Application (AISEIA 2015) . October 25-26, 2015, Bangkok, Thailand.
05/2015-11/2015	Technical Program Committee member of International Conference on Data, Information and Knowledge Management (DIKM 2015) . November 20-22, 2015, Guilin, China.
2015-now	Reviewer Committee member of Emirates Association of Computer, Electrical & Electronics Engineers (EACEEE) .
05/2015-05/2017	Taskforce member of quality assurance manual development and implementation of Statistics Without Borders - American Statistical Association .
02/2015-now	Member of Quality Assurance Committee of Statistics Without Borders - American Statistical Association .
04/2005	An Giang University Delegation Leader of Student Olympic Informatics at University of Science, Ho Chi Minh city, Vietnam. April 23-25, 2005.

Reviewers and Editors

04/2016-now	Honorable Editorial Board member of Scientia Research Library .
03/2016-now	Reviewer of Global Research and Development Journals (GRD) .
03/2016-now	Reviewer of conference series International Conference on Computational Methods (ICCM) .
03/2016-now	Reviewer of Conference123.net .
03/2016-now	Reviewer of International Education and Research Journal (IERJ) .
02/2016-now	Reviewer of International Association of Humanities, Social Sciences & Management Researchers (HSSMR) .
02/2016-now	Reviewer of Journal of Intelligent Information Systems (JIIS) .
02/2016-now	Reviewer of Complex & Intelligent Systems (CAIS) .
02/2016-now	Reviewer of Journal of Education and e-Learning Research - Asian Online Journal Publishing Group .
02/2016-now	Reviewer of Journal of Applied Mathematics and Computer Application - Brainy Buzz .
02/2016-now	Editorial Board member of International Journal of Emerging Engineering Research and Technology (IJEERT) . SRYAHWA Publications.
01/2016-now	Editorial Board member of Computer World and Journal of Mathematics, Statistics and Informatics in Jakraya Publications .
12/2015-now	Reviewer of Statistics, Optimization & Information Computing (SOIC) - An International Journal .
12/2015-now	Reviewer of Innovative Food Science and Emerging Technologies .
12/2015-now	Reviewer of Advances in Computer Science: an International Journal .
12/2015-now	Guest Editor of EduPedia Publications .

12/2015	Reviewer of 2015 International Conference on Electrical, Electronics and Mechatronics (ICEEM2015) , December 20-21, 2015, Phuket, Thailand.
12/2015-03/2016	Reviewer of 2nd EAI International Conference on Nature of Computation and Communication (ICTCC 2016) , March 17-18, 2016, Rach Gia, Vietnam.
12/2015-11/2016	Reviewer of 5th EAI International Conference on Context-Aware Systems and Applications (ICCASA 2016) , November 24-25, 2016, Thủ Dầu Một, Vietnam.
12/2015-now	Reviewer of International Association of Engineering & Technology Researchers (IAETR) .
12/2015-now	Reviewer of International Academy of Computer & IT Engineering (IACITE) .
12/2015-now	Reviewer of Global Journal of Mathematics and Global Journal of Computers & Technology - Global Publishing Corporation .
11/2015-now	Reviewer of Open Access Library Journal (OALib Journal) .
11/2015-now	Reviewer of Universal Researchers in Engineering (URENG) .
10/2015-11/2015	Editorial Board member of International Conference on Advances in Engineering Science and management (ICAESM 2015) , Agra, India, November 8, 2015.
10/2015-now	Reviewer of International Journal of Artificial Intelligence in Education (IAIED) .
10/2015-now	Editorial Board member of International Institute of Engineers (IIENG) .
09/2015-now	Editor of PENCIL Publication of Physical Sciences and Engineering (PPPSE) .
09/2015-12/2015	Reviewer of The 5th International Conference on Electronics, Communications and Networks (CECNet 2015) , December 12-15, 2015, Shanghai, China.
09/2015-12/2015	Reviewer of International Conference on Computer, Control and Communication Technologies (CCCT) , December 3-4, 2015, Antalya, Turkey.
09/2015-now	Reviewer of Computers Journal , Multidisciplinary Digital Publishing Institute (MDPI).
09/2015-now	Author and Reviewer of International Journal of Biomedical Research , Scholar Science Journals.
09/2015-now	Author and Reviewer of Jurnal Teknologi .
07/2015-now	Member in Advisory Editorial Board of International Journal of Emerging Technology and Advanced Engineering (IJETAE) . IJETAE is approved by National Science Library (NSL), National Institute of Science Communication And Information Resources (NISCAIR), Council of Scientific and Industrial Research, New Delhi, India.
06/2015-now	Editorial Board Member of Studies in Engineering and Technology (SET) published by Redfame Publishing.
06/2015	Reviewer of The 8th International Multi-Conference on Engineering and Technological Innovation (IMETI 2015) , July 12 - 15, 2015 – Orlando, Florida, USA - International Institute of Informatics and Systemics (IIS) .
05/2015-now	Reviewer of Journal of Systemics, Cybernetics and Informatics (JSCI) , International Institute of Informatics and Systemics (IIS) .
04/2015-now	Reviewer of Cogent Mathematics , Cogent OA - Taylor & Francis Group .
04/2015-now	Author of Academic Journals .
04/2015-now	Guest Reviewer of Journal of Data Analysis and Information Processing (JDAIP) , Scientific Research Publishing (SCIRP) , China.
03/2015-now	Author, Reviewer and Editor of International Knowledge Press .
03/2015-now	Author, Reviewer and Editor of SCIENCEDOMAIN international .
03/2015-09/2015	Reviewer of The 5th International Conference on Electronics, Communications and Networks (CECNET2015) , December 12th-15th, 2015, Shanghai, China.
01/2015-now	Reviewer of Journal Issues .
06/2015-	Editorial Member of the journals Applied and Computational Mathematics , American Journal of

now	Software Engineering and Applications , Science Journal of Applied Mathematics and Statistics . Science Publishing Group, USA .
05/2015– 10/2015	Guest Editor of Special Issue “ Data Mining Applications ”, American Journal of Software Engineering and Applications . Science Publishing Group, USA .
02/2015– 07/2017	Lead Guest Editor of Special Issue “ Some Novel Algorithms for Global Optimization and Relevant Subjects ”, Applied and Computational Mathematics Journal . Science Publishing Group, USA .
2015– now	Reviewer Committee member of Emirates Association of Computer, Electrical & Electronics Engineers (EACEEE) .
01/2015– now	Editorial Board Member of American Journal of Computer Science and Information Engineering , International Journal of Mathematical Analysis and Applications - American Association for Science and Technology (AASCIT) .
01/2015– now	Reviewer of American Journal of Science and Technology , American Journal of Computer Science and Information Engineering , International Journal of Mathematical Analysis and Applications - American Association for Science and Technology (AASCIT) .
09/2014– 12/2014	Reviewer of The 5th International Conference on Electronics, Communications and Networks (CECNet 2014) , December 12-15, 2014, Beijing, China.
08/2014– now	Reviewer of International Journal of Mathematical Research , Journal of Asian Scientific Research , Energy Review- PAK Publishing Group, Pakistan .
07/2014– 03/2015	Reviewer of The 4th International Conference on Biomedical Engineering and Biotechnology (ICBEB2015) , August 18th - 21st, 2015, Shanghai, China.
05/2014– 06/2014	Reviewer of International Conference Interactive Collaborative Learning (ICL2014) and The 2014 World Engineering Education Forum (WEEF2014) .

Scholar Visitings

11/2013 - 08/2014	Scholar researching at Institute of Mathematics - Vietnam Academy Institute of Science and Technology .
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Memberships

04/2016– now	Member of International Statistical Institute (ISI) .
04/2016– now	Member of International Biometric Society (IBS) .
03/2016– now	Member of International Chinese Statistical Association (ICSA) .
02/2016– now	Member of Nature Magazine .
02/2016– now	Member of American Association for The Advancement of Science (AAAS) .
01/2016– now	Member of Construx: Software Development Best Practices laid by Steve McConnell .
01/2016– now	Member of Journal of Harmonized Research (JOHR) .
01/2016– now	Member of Convergence Information Society (CIS) .
01/2016– now	Member of EDAS: Editor’s Assistant .
01/2016– now	Researcher of Project Euclid: mathematics and statistics online .
01/2016– now	Member of ACM Special Interest Group on Knowledge Discovery in Data (SIGKDD) .
2015–now	Member of Eastern North American Region (ENAR) , International Biometric Society .
2015–now	Member of Integration Developer News .
12/2015– now	Member of Universal Conference Alerts .

12/2015– now	Member of Web Intelligence Consortium (WIC) .
12/2015– now	Member of Institute of Mathematical Statistics (IMS) .
12/2015– now	Member of European Alliance for Innovation (EAI) .
12/2015– now	Member of BVICAM International Journal of Information Technology (BIJIT) .
12/2015– now	Professional member of Association for Computing Machinery (ACM) .
11/2015– now	Academic Partners of International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K) .
10/2015– 11/2015	Editorial Board member of International Conference on Advances in Engineering Science and management (ICAESM 2015) , Agra, India, November 8, 2015.
10/2015– now	Editorial Board member of International Institute of Engineers (IIENG) .
08/2015– 03/2016	Member of 10th INDIACom; 3rd 2016 International Conference on Computing for Sustainable Global Development , March 16-18, 2016.
08/2015– 12/2015	Member of Computer Society of India - The 50th Golden Jubilee Annual Convention (CSI-2015) , December 2-6, 2015.
08/2015– now	Member of GlobalCompliancePanel . GlobalCompliancePanel is a training source that delivers diverse, high quality regulatory & compliance trainings.
08/2015– now	Member of O'Reilly Publisher .
07/2015– now	Member of The International Statistical Institute (ISI) .
07/2015– now	Member of International Association for Official Statistics (IAOS) - The International Statistical Institute (ISI) .
07/2015– now	Member of Cambodian Mathematical Society .
07/2015– now	Member of The Co-operative Group .
07/2015– now	Member of European Mathematical Society (EMS) .
07/2015– now	Member of American Mathematical Society (AMS) .
06/2015– now	Member of Institute for Systems and Technologies of Information, Control and Communication (INSTICC) .
06/2015– now	Member of American Society for Engineering Education (ASEE) .
06/2015– now	Member of Association for Computing Machinery (ACM) .
04/2015– now	Member of The Science and Information (SAI) Organization .
04/2015– now	Member of Royal Statistical Society .
2015–now	Reviewer Committee member of Emirates Association of Computer, Electrical & Electronics Engineers (EACEEE) .
02/2015– now	ResearcherID member: www.researcherid.com/rid/F-7019-2014 .
02/2015– now	Member of Quality Assurance Committee of Statistics Without Borders - American Statistical Association .
01/2015– now	Member of ResearchGate .
10/2014– now	Member of American Association for Science and Technology (AASCIT) .
2014–now	Poet at AllPoetry .
08/2013– now	Member of Vietnam Mathematics Association .

2013–now	Member of International E-learning Association (IELA) .
2013–now	Member of Statistics Without Borders (SWB) - American Statistical Association (ASA).
2013–now	Member of American Statistical Association (ASA) .
2013–now	Member of International Scientific Academy of Engineering & Technology (ISAET) .
05/2013–now	ORCID member: orcid.org/0000-0001-5192-8106 .
2012–now	Official member of Vietnam Chamber of Commerce and Industry (VCCI) .
2009–now	Member of Zen Club “Leu Chong” .
2008–2010	Member of Institute of Electrical and Electronics Engineers (IEEE) .
2008–2009	Member of Association for Computing Machinery (ACM) .
2007–now	Member of the poet community Thi Viện .

Participations

04/2016	Joining SWB Quality Assurance Committee Meeting of Statistics Without Borders (SWB) .
04/2016	Joining the webinar “ YOGA - A Software Development Process Based On Ancient Principles ” by speaker Seth Winis (Software Development Guru, YOGA Expert) and moderator Will Tracz (Lockheed Martin Fellow Emeritus, Past Chair of ACM SIGSOFT) at ACM's Learning Center .
03/2016	Joining the webinar “ Digital Transformation in Banking, Healthcare and Travel ” by lecturer Lalit Ahuja (VP Professional Services at Akana) and moderator Laura Heritage (Director of API Strategy at Akana) at Akana's Event Center .
03/2016	Joining the webinar “ From BI to Big Data - Architecture, Ethics, and Economics ” by lecturer Barry Devlin (Founder and Principal of 9sight Consulting) and moderator Peter Aiken (Virginia Commonwealth University, ACM SIGMIS, SIGMOD) at ACM's Learning Center .
02/2016	Joining the online conference “ Big Data in Motion Summit ” presented by Madhu Nair with topic “Data Preparation And Data Wrangling in the Cloud” (Oracle), Malcolm Ross with topic “Big Data in Motion Intelligent Action from Insight” (Appian), Praveen Jain and Reiner Kappenberger with topic “Integrate Data Security with Your Big Data Platform” (Hewlett Packard Enterprise), Symantec Resource Center, Jack Norris with topic “Let's Get Real Time” (MapR) at Integration Developer News .
02/2016	Joining the webinar “ A Nationally Representative Economic Survey Five Months after the Haitian Earthquake Using Mobile Phones ” presented by Ryung Kim, organized by Michiko I. Wolcott (Msight Analytics, LLC) .
02/2016	Joining SWB Quality Assurance Committee Meeting of Statistics Without Borders (SWB) .
01/2016	Joining the online conference “ CyberSecurity Summit ” presented by Albert Biketi with topic “Data-Centric Approach to Security from HPE Security” (Hewlett Packard Enterprise), Ricky Arora with topic “Identity Management in a Digital Economy” (Oracle), Peter Allor with topic “Security Threats, Frameworks and Mitigation Efforts” (IBM), Symantec Resource Center, Monzy Merza with topic “Delivering Operational Intelligence” (splunk) at Integration Developer News .
01/2016	Joining the webinar “ Using VNAs as a Tool for Signal Integrity in High Speed Digital Systems ” presented by Joe Mallon and moderator Douglas McCormick at IEEE Spectrum .
01/2016	Joining the webinar “ Simplifying the Curation of Education Resources ” presented by Anna Stoute, Rose Rocchio, Shea Silverman, Francisca Yonekura, and moderator Hap Aziz at IMS Global Learning Consortium .
01/2016	Joining the webinar “ Study to Understand and Improve the Outcomes of Homeless Cats and Dogs for Petlanthropy ” presented by Marie Oldfield, organized by Michiko I. Wolcott (Msight Analytics, LLC) .
01/2016	Joining the webinar “ Measuring Software Productivity ” by speaker Steve McConnell and moderator Will Tracz , at ACM's Learning Center .
01/2016	Joining the training tutorial “ Hands-on Start to Wolfram Mathematica ” presented by the authors Cliff Hastings and Kelvin Mischo, at Wolfram Research .
12/2015	Joining the webcast “ How Much Storage Do You Really Need? ” presented by Bill Lauer, with moderator David Mantey, at Electronic Components News , sponsored by ScanDisk .
12/2015	Participating in the seminar “Awareness of International Enterprise Integration”, PACE Institute of Management and The Institute for Research on Educational Development (IRED) , 28th December 2015, Ho Chi Minh city, Vietnam.
12/2015	Participating in the webinar “ African Children and Families Support (ACAFS) RM&E project ” presented by Michelle Vanchu-Orosco, organized by Michiko I. Wolcott (Msight Analytics, LLC) .

11/2015	Participating in the European Project Space with the project “Hudup – A framework of e-commercial recommendation algorithms” at The 7th International Conference on Knowledge Discovery and Information Retrieval (KDIR 2015) , Lisbon, Portugal.
11/2015	Joining The 7th International Conference on Knowledge Discovery and Information Retrieval (KDIR 2015) , the part of The 7th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K 2015) in conjunction with The 7th International Joint Conference on Computational Intelligence for presenting the paper “A New Approach for Collaborative Filtering based on Bayesian Network Inference” at Lisbon, Portugal.
09/2015	Joining SWB Quality Assurance Committee Meeting of Statistics Without Borders (SWB) .
08/2015	Joining SWB Quality Assurance Committee Meeting of Statistics Without Borders (SWB) .
07/2015	Joining SWB Quality Assurance Committee Meeting of Statistics Without Borders (SWB) .
06/2015	Joining SWB Quality Assurance Committee Meeting of Statistics Without Borders (SWB) .
05/2015	Joining SWB Quality Assurance Committee Meeting of Statistics Without Borders (SWB) .
04/2015	Joining SWB Quality Assurance Committee Meeting of Statistics Without Borders (SWB) .
12/2014	Presenting the conference paper “ Evaluating Adaptive Learning Model ” and demonstrating the research “ A User Modeling System for Adaptive Learning ” in The 17th International Conference Interactive Collaborative Learning (ICL2014) , The 2014 World Engineering Education Forum (WEEF2014) at Dubai, UAE.
04/2014	Joining The 12th Workshop on Optimization and Scientific Computing , Ba Vi, Vietnam. The Vietnam Institute for Advanced Study in Mathematics .
01/2014	Joining The 2014 Conference of Book Author , University Of Education Publishing House , Hanoi, Vietnam.
12/2013	Joining International conference on commutative algebra and its interaction to algebraic geometry and combinatorics , Institute of Mathematics - Vietnam Academy of Science and Technology , Hanoi, Vietnam.
12/2013	Joining Asia-Pacific Regional Space Agency Forum (ARPSAF 20 from December 3-6, 2013) , Hanoi, Vietnam.
12/2013	Joining The International Conference on Space, Aeronautical and Navigational Electrical 2013 (ICSANE 2013) , Hanoi, Vietnam. Vietnam Academy Institute of Science and Technology .
12/2013	Joining CIMPA-UNESCO-MESR-MINECO-VIETNAM research school and workshop on “Geometry and Topology of Singular Varieties. Theory and Applications” . Institute of Mathematics - Vietnam Academy Institute of Science and Technology .
12/2013	Joining The 9th International Conference on Geoinformation for Disaster Management (Gi4DM 2013) , Institute of Geography - Vietnam Academy Institute of Science and Technology .
11/2013	Joining The 2013 Vietnam Business Enterprise Forum , Vietnam Chamber of Commerce and Industry (VCCI) in conjunction with General Department of Taxation & Vietnam Customs - Ministry of Finance .
10/2013	Exhibiting product “ Hudup - A framework of e-commercial recommendation algorithms ” at The 2013 conference “Approaches to Foreign Capital for Enterprises” , Vietnam Chamber of Commerce and Industry (VCCI) , Ho Chi Minh city, Vietnam.
09/2013	Joining The Contest “Best Innovators Award 2013” organized by Vietnam Chamber of Commerce and Industry (VCCI) , Vietnam–Germany University and Leipzig University, Germany with the product “ Hudup – A framework of e-commercial recommendation algorithms ”.
09/2013	Joining The 2013 conference “Innovation Towards Low Income People” , Can Tho University , Vietnam.
09/2013	Be trained at The 2013 conference “Developing Businesswoman Leadership Skill” , Vietnam Chamber of Commerce and Industry (VCCI) , Ho Chi Minh city, Vietnam.
08/2013	Joining group discussion with subject “ Assessing bank credit need of enterprises ” organized by International Finance Corporation - a member of World Bank Group , MCG Management Consulting , and Vietnam Chamber of Commerce and Industry (VCCI) .
08/2013	Joining the 8th Vietnam National Congress of Mathematics .
06/2013	Joining the international conference “ Statistics and its interactions with other disciplines ” (SIOD 2013) at Ton Duc Thang University , Ho Chi Minh city, Vietnam with the research “ A new method to determine separated hyper-plane for non-parametric sign test in multivariate data ”.
09/2012	Joining conference “ Introduction to quality management methods 5S and Kaizen at Vietnamese Enterprises ” at Vietnam Chamber of Commerce and Industry (VCCI) .
08/2011	Joining conference “ Strategy of assets investment ”. The Club “Rich Dad Poor Dad” , Ho Chi Minh city, Vietnam.
08/2011	Joining conference “ Methods of making profit ”. The Club “Rich Dad Poor Dad” , Ho Chi Minh city, Vietnam.
12/2006	Joining The Conference “Development and International Integration of Vietnam” , Ministry of Industry and

	Trade of The Socialist Republic of Vietnam in conjunction with Vietnam Chamber of Commerce and Industry (VCCI) and Vietnam Advertisement & Fair Exhibition JSC - Vietnam .
2006	Joining the conference “E-learning and Deployments of E-learning at Universities”, Center of Information Technology Development, Ho Chi Minh city, Vietnam, 2006.
08/2005	Joining the GIS conference “GISnet’ 11”, Center for Developing Information Technology and Geographic Information System, HCMC University of Technology, Vietnam. August 8-9, 2005.

Links

06/2015- now	http://member.acm.org/~ngphloc ACM membership.
06/2015- now	http://redfame.com/journal/index.php/set/about/editorialTeamBio/9990 Editorial Board Member Biography of Studies in Engineering and Technology (SET) published by Redfame Publishing .
05/2015- now	http://www.scirp.org/journal/DetailedInforOfEditorialBoard.aspx?personID=10255 Editorial Board Member Biography of Journal of Data Analysis and Information Processing (JDAIP) , Scientific Research Publishing (SCIRP), China.
05/2015- 11/2015	http://www.engii.org/ws/CommitteeInfor.aspx?id=661&pid=392 Member Biography of Technical Program Committee member of International Conference on Data, Information and Knowledge Management (DIKM 2015) . November 20-22, 2015, Guilin, China.
02/2015- now	www.researcherid.com/rid/F-7019-2014 . ResearcherID member
01/2015- now	http://www.researchgate.net/profile/Loc_Nguyen20 . Member Biography of ResearchGate .
2015- now	http://membership.sciencepublishinggroup.com/ngphloc Editorial Board Member Biography of Science Publishing Group, USA .
10/2014- now	http://www.aascit.org/membership/ngphloc Member Biography of American Association for Science and Technology .
2014- now	http://allpoetry.com/Loc_Nguyen Poet at AllPoetry .
05/2013- now	http://orcid.org/0000-0001-5192-8106 . ORCID researcher ID
2007- now	http://www.thivien.net/Loc-Nguyen/m-poems-UekK6J7Sygd_D70qte6Ttg Member of the poet community Thi Viện .

XIV. References

- [Prof. Lin, Yu-chieh \(Jay\) \(林子傑\)](#)
Senior Research Associate
Project Design & Management Group | Statistics & Methods Unit
Survey Research Operation | Survey Research Center
Institute for Social Research | University of Michigan
 - Email: yuchieh@umich.edu
 - Phone: +1 (734) 764-6295
 - Skype: yuchieh0
- [Prof. Le, Nguyen-Thinh](#)
Humboldt-Universität zu Berlin
Department of Informatics
Research Group “Computer Science Education / Computer Science and Society”
Unter den Linden 6
10099 Berlin
Germany
 - Email: nguyen-thinh.le@hu-berlin.de
 - Phone: +49 17693 139588
- [Prof. Ting, I-Hsien](#)
Data Scientist
Director of Academic Affairs at Taiwanese Association for Social Networks - TASN
Director at Social Network Innovation Center
Associate Professor at National University of Kaohsiung

- Email: iting@nuk.edu.tw
 - Phone: +886 912 310 999
 - Homepage: iting.im.nuk.edu.twa
- **Prof. Shapiro, Gary**, Senior Statistician of The World. He is a co-founder of Statistics Without Borders.
 - Email: g.shapiro4@live.com
 - Phone: 1 301 350 0621
 - Skype: gary.shapiro19
 - Eastern time zone (ET)
 - Homepage: <http://community.amstat.org/statisticswithoutborders/aboutswb/positions>
 - *Short biography:*
Gary Shapiro is retired from Westat, where he was Senior Statistician from 1996 to 2009. Gary was the lead statistician, senior statistician, or/and task leader on over 30 projects, mostly involving survey sample design, weighting, and variance estimation. Prior to being at Westat, Gary was a Senior Statistician at Abt Associates from 1993 to 1996, where he was the lead statistician for a number of surveys. From 1965 to 1993 Gary was at the US Census Bureau. For almost 20 years of this period, he was an Assistant Chief of the Demographic Statistical Methods Division, where he oversaw the operation of up to five branches with the responsibility for sample design, weighting, and variance estimation for the demographic surveys. He is a co-founder of Statistics Without Borders, together with Steve Pierson and Fritz Scheuren. He served as initial SWB Co-Chair and then as Chair from 2010 to 2012.
Now he is chair of New Projects Committee - Statistics Without Borders.
 - **Prof. MELLAL, Mohamed A.**
Associate Professor at Faculty of Engineering Sciences (FSI), M'Hamed Bougara University, Boumerdes, Algeria.
 - *Achievements:*
Journal papers: 13
Conference papers: 11
Edited book: 1
 - Email: mellal.mohamed@gmail.com, mellal-mohamed@umbb.dz, mellal.mohamed@univ-boumerdes.dz
 - Homepage: <http://mamellal.univ-boumerdes.dz>
 - Address: RC12, Building A, M'Hamed Bougara University, Boumerdes, Algeria.
 - **Prof. Hewson, Paul**
National Teaching Fellow
Editor of [Teaching Statistics: An International Journal for Teachers](#)
Associate Professor (Senior Lecturer) in Statistics at School of Computing and Mathematics, [University of Plymouth, UK](#).
 - Phone: 44 01752 586870
 - Email: paul.hewson@plymouth.ac.uk
 - Homepage: <http://www.plymouth.ac.uk/staff/phewson>
 - Address: University of Plymouth, Drake Circus, Plymouth PL4 8AA, UK
 - **MSc. Nong, Linh M.**, Advanced specialist at Mathematics Department, Luong Van Tri High School, Lang Son province, Vietnam.
 - Mobile: 84-1236990518
 - Email: nongmanhlinh.lvt@gmail.com
 - **MSc. Nguyen, Dung H.**, Advanced specialist of Mathematics and Informatics, Head of Mathematics and Informatics Department, Chair of Labour Union, Dong Banh High School, Lang Son province, Vietnam.
 - Mobile: 84-986630373
 - Email: huudung1980@gmail.com
 - **Dr. Trinh, Tri Q.**, Medical Scientist at Department of Ophthalmology, Medical University of Pham Ngoc Thach, Ho Chi Minh city, Vietnam.
 - Address: 40 Street 9, residential quarter Dong Dieu, Binh Hung ward, Binh Chanh district, Ho Chi Minh city, Vietnam.
 - Mobile: 84-908270260
 - Email: tri.trinhquang@yahoo.com
 - **Director Nguyen, Duc A.**, Advanced specialist of Construction, Director of Construction–Environment Company Khai Nguyen, Vietnam.
 - Address: 42 / 4M Phan Van Hon, Xuan Thoi Thuong ward, Hoc Mon district, Ho Chi Minh city.
 - Mobile: 84-983929293
 - Email: anhduc1202@yahoo.com
 - **Prof. Phan, Trai N. and Prof. Le, Vui T.**, Professor of spiritualism, Buddhism, nourishment, physical training and linguistics, Ho Chi Minh city, Vietnam.
 - Mobile: 84-8-38420978

- Email: giadinhphanle@yahoo.com
- *Prof. Tran, Thu D.*, Dean of Faculty of Information Technology, University of Science, Ho Chi Minh city, Vietnam.
 - Address: 227 Nguyen Van Cu, district 5, Ho Chi Minh city, Vietnam
 - Mobile: 84-902765432
 - Email: tdt@hcmus.edu.vn
- *Prof. Kinshuk*, Associate Dean, Faculty of Science and Technology. Professor, School of Computing and Information Systems, Athabasca University, Canada. NSERC/iCORE/Xerox/Markin Industrial Research Chair in Adaptivity and Personalization in Informatics.
 - Address: Athabasca University, Peace Hills Trust Tower, 12th Floor, 10011 109 Street, Edmonton, AB T5J 3S8, Canada.
 - Mobile: 1-780 934 5310
 - Phone: 1-780 675 6812 (Canada/US Toll-free: 1-800-788-9041 ext. 6812)
 - Email: kinshuk@ieee.org
- *Prof. Nguyen, Te A.*, Professor of Computer Science, Center of Informatics, University of Science, Ho Chi Minh city, Vietnam.
 - Address: 357 Le Hong Phong, district 10, Ho Chi Minh city, Vietnam
 - Mobile: 84-938912065
 - Email: nate@hcmuns.edu.vn
- *Prof. Nguyen, Thuc D.*, Vice Dean of Faculty of Information Technology, University of Science, Ho Chi Minh city, Vietnam.
 - Address: 227 Nguyen Van Cu, district 5, Ho Chi Minh city, Vietnam
 - Mobile: 84-903339944
 - Email: ndthuc@fit.hcmus.edu.vn
- *Prof. Le, Bac H.*, Vice Dean of Faculty of Information Technology, University of Science, Ho Chi Minh city, Vietnam.
 - Address: 227 Nguyen Van Cu, district 5, Ho Chi Minh city, Vietnam
 - Mobile: 84-903915070
 - Email: lhbac@fit.hcmus.edu.vn
- *Madam Wyatt, Barbara*, English master, American–Vietnamese Master’s Cup Coffee House.
 - Mobile: 84-903141375
 - Email: jerry.wyatt@me.com
- *Prof. Phung, Hung T.*, Professor of Pharmacology, Head of Pharmacology Department, University of Medical and Pharmacy, Ho Chi Minh city, Vietnam.
 - Address: 55/1 Tran Binh Trong, ward 5, Binh Thanh district, Ho Chi Minh city, Vietnam.
 - Mobile: 84-903395925
 - Email: hung_phungtrung@yahoo.com
- *Dr. Do, Phung T. M.*, Doctor of Computer Science, University of Information Technology, Vietnam National University.
 - Address: KM 20, Ha Noi Highway, Thu Duc District, Ho Chi Minh City, Viet Nam.
 - Mobile: 84-903145305
 - Email: dtminhphung@yahoo.com
- *Dr. Ho, Hang T. T.*, Doctor of Medical, National Assembly Deputies of Vietnam.
 - Address: 191 Pham Thai Buong, 4th square, Vinh Long city, Vinh Long province, Vietnam.
 - Phone: 84-703820698
 - Mobile: 84-913775005
 - Email: bshangv2000@yahoo.com
- *Prof. Dong, Thuy T. B.*, Director of Center of Informatics, University of Science, Ho Chi Minh city, Vietnam.
 - Address: 227 Nguyen Van Cu, district 5, Ho Chi Minh city, Vietnam
 - Mobile: 84-903911037
 - Email: thuy@hcmus.edu.vn
- *Sir Nguyen, Tho P.*, Colonel in Ministry of Public Security, received Merit Certificate of Prime Minister for Feat of Arms, Vietnam.
 - Address: 1/4B Ton Duc Thang, My Binh ward, Long Xuyen city, An Giang province, Vietnam.
 - Phone: 84-917925599