

CURRICULUM VITAE



1. **Name:** Rana Khudhair Abbas Ahmed
2. **Designation:** Lecturer M.Sc in computer science / Phd Scholar
3. **Title:** Lecturer.
4. **Affiliation:** Al-Rafidain University College / Computer Engineering Techniques Department, Baghdad, Iraq.
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6. **Place and Date of Birth:** Baghdad, Iraq, 1th of January. 1976
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9. **Specialist:** computer science, software engineering.
10. **Language:** Arabic and English
11. **Computer Experience:** Windows, Microsoft Office, Internet Services, and programming with Pascal, visual Basic and C++ programming languages.
12. **Interests:** Computer science, Software engineering, Information retrieval, data mining, e-learning and web mining.
13. **Academic Qualifications:**
 - **M.Sc.** in Iraqi commission for computers and informatics, Baghdad, 2001.
 - **B.Sc.** in Computer science, Baghdad University, Baghdad, 1998.
14. **Teaching Experience** since 2001:
 - a. Undergraduate Level
 - **Numerical Analysis**

- System analysis
- Pascal programming language
- C++ programming language
- C programming
- WinQSB Application
- SPSS application
- Management information systems
- Windows XP, Windows 7, Windows Millennium
- DOS
- Electronic manufacturing
- Software engineering
- Compiler
- Internet
- Microsoft office
- E-Business
- Artificial Intelligence
- Multimedia Programming
- Object-Oriented Programming with C++

15. *Honoring a thanks and appreciation from the Minister of Higher Education on the good success improvement for college students in final exams, 2002.
 **Honoring a number of thanks and appreciations from Alrafidain University College for the good success improvement and excellent monitoring of college students in final exams.
 ***Honoring a thanks and appreciation from the Gulf trading Bank for holding a Workshop "electronic payment systems", 2010.
- * * * Honoring a thanks and appreciation from the Minister of Electricity for holding a workshop on "pay electrical bill by an electronic system ", 2015
16. *****Honoring a thanks and appreciation from Alrafidain University College for excellent presenting the university name in international journals, 2015.

17. Published Papers in Journals:

	Authors	Title	Abstract	Journal
2001				
1.	*Rana Khudhair Abbas Ahmed *Dr. Jubair J. Alhadithi	Auto Filtering of Information using an Intelligent Software Agent	In this research, an intelligent software agent has been developed for information filtering, on a local area network (LAN) with (TCP/IP) protocol. The agent provides the users with access only to the information that has significant possibility to be interesting to them. This software was implemented, using the object-oriented JAVA J++ 1.1 programming language. Software engineering techniques has been used to improve the software product. A set of object oriented design quality metrics were applied to measure the software quality of the entire system. Software	The Journal of Computer Research, Iraq Vol. 5, Issue(1), pp. 28-41, 2001.

			quality measures, indicate how well the software been engineered.	
2010				
2.	Rana Khudhair Abbas Ahmed	Evaluating and comparing some agent-oriented software engineering methodologies	<p>Along with the growing interest in agent applications, there has been an increasing number of agent-oriented software engineering methodologies proposed in recent years. These methodologies were developed and specially tailored to the characteristics of agents. The roles these methodologies can provide methods, models, techniques and tools so that the development of agent based systems can be carried out in a formal and systematic way.</p> <p>The goal of this paper is to understand the relationship between five key agent-oriented methodologies :Gia, MaSE, MESSAGE, Promethues and Tropos. More specially, we evaluate and compare theses five methodologies by performing a feature analysis, on them, which is carried out by evaluating the strengths and weaknesses of each participating methodology using an attribute-based evaluation framework. This evaluation framework addresses some areas of an agent-oriented methodology: concepts, modeling language, process and pragmatics.</p>	Journal of College and Education, Iraq Vol 2, Issue (1), pp. 2010.
3.	Rana Khudhair Abbas Ahmed	Comparison and Evaluation of Common Software Engineering Resource Estimation Methods	<p>Our common problem in the software resource estimation is the lack of standard terminology for discussing estimation methods. We have defined and used some important concepts and terms to compare several common software engineering resource estimation methods. Furthermore, by defining the terminology precisely, we have compared estimation methods and their categories. This is an important matter as all estimation methods have many differences but also numerous commonalities.</p> <p>We have identified a number of evaluation criteria that were</p>	Journal of . Baghdad College of Economic Sciences University http://www.bae-co.com Vol. 1, issue (24), pp. 15-36, april 2010

			used to compare categories of estimation methods using our terminology and comparison structure.	
2011				
4.	*Rana Khudhair Abbas Ahmed *Dr. Hussein K. Khafaji	E-Commerce's Payment Techniques and Their Suitability for Iraq According to Its Infrastructures	<p>Informatic era is supporting the needs for electronic solutions for the money transfer and electronic commerce, e-commerce, especially when the electronic services became available in anywhere by most governments. All these services and commerce activities are requiring Internet's charges payment by using credit cards. Gradually, these cards become very common in use by most companies, enterprises, banks, and governments to satisfy the needs of the customers.</p> <p>This research produces a survey, comparative study between e-payment techniques, to specify the best one which is suitable for Iraq to be used in the companies, enterprises, and government to support the e-commerce and money transfer. This specification is accomplished according to the properties of the techniques and the availability of Iraq Infrastructures.</p>	<p>Journal of Alrafidain University College for Sciences Issue(28), pp. 37-52, 2011 journal@alrafidain.edu.iq www.coalrafidain.edu.iq</p>
2014				
5.	Rana Khudhair Abbas Ahmed	LEXIMET: A lexical analyzer generator including McCabe's Metrics.	<p>Due to the complexity of designing a lexical analyzer for programming languages, this paper presents, LEXIMET, a lexical analyzer generator. This generator is designed for any programming language and involves a new feature of using McCabe's cyclomatic complexity metrics to measure the complexity of a program during the scanning operation to maintain the time and effort.</p>	<p>IOSR: Journal of computer engineering (IOSR-JCE) www.iosrjournal.org Vol. 16, Issue (1), feb. (2014) DOI: 10.9790/0661-16161118 pp. 11-18</p>
6.	*Rana Khudhair Abbas Ahmed, *Dr. Ammar Falih Mahdi	Crahid: A New Technique for Web Crawling In Multimedia Web Sites	<p>With the quick growth and the huge amount of data that propagate in the web, we spend a lot of our time in finding the exact required information from the huge information retrieved from the web crawlers of search engines. Therefore, a special software is required to collect and find the exact required information and save</p>	<p>International Journal of Computational Engineering research (IJCER). www.ijcer.org Vol. 04, Issue (2), feb. (2014), pp. 01-06</p>

			our time and effort in finding what is good from the huge amount of retrieved data from the web. In our research, we proposed a software called "CRAHID" which uses a new technique to crawl (image, sound, text and video) depending on an information hiding technique for describing media. We supposed a new media format which describes media using hidden information to maintain time and effort for finding the exact information retrieved from the crawler.	
2015				
7.	Rana Khudhair Abbas Ahmed	Combi: A new combination of web mining techniques for e-learning personalization	<p>With the help of web mining technology, the importance of e-learning is in advance. The web mining gives the personalized education. By using various mining techniques, both the learner and the teacher can achieve benefits. Thus, the process of learning becomes simpler and affordable. With the advancement in web mining, the education through eLearning is improved.</p> <p>In this paper, we proposed "Combi", a new system for combining three web mining techniques with the learner's profile for e-learning personalization. Our personalization is based on learners' preferences, educational background and experience. The goal we took of personalization is learner's satisfaction. Our Combi system helps the learner to find the most suitable related information needed without wasting time and effort in looking through the long list of searched results to find the most suitable information. We discovered the learning behavior pattern to build up a series of feedback and motivation system and we compared the results from our system with an existing related system.</p>	International Journal of Technical Research and Applications e-, www.ijtra.com Volume 3, Issue 1 (Jan-Feb 2015), PP. 104-108
8.	Rana	Overview of	Plagiarism is still a difficult	International

	Khudhair Abbas Ahmed	Different Plagiarism Detection Tools	problem. Many tools have been developed to detect plagiarism. This paper defines plagiarism, shows the benefit of it and declares twenty one different plagiarism service tools provided on the Internet in order to detect the plagiarism process.	Journal of Futuristic Trends in Engineering and Technology (IJFTET), www.ijftet.com , Volume II, Issue IX, September, 2015, pp. 1-3
9.	Rana Khudhair Abbas Ahmed	Multimedia Protection, Authentication and Advanced Digital Watermarking Techniques: A Survey	Multimedia contents such as images, videos, audio, and texts are easy to available for download through internet in worldwide. Duplication of multimedia contents is to create using different software. This type of operation some time created problem of copyright and ownership authentication. Digital watermarking techniques are used to protect multimedia contents. This paper gives various watermarking techniques in transform domain and sparse domain for protection and authentication of multimedia contents.	International Journal of Computer Trends and Technology (IJCTT), http://www.ijcttiournal.org volume 30 Number 3 December 2015, pp. 162-168 DOI: 10.14445/22312803/IJCTT-V30P129
10.	Rana Khudhair Abbas Ahmed	Programs and Small Projects in Visual Basic 6	A Scientific Book providing many Visual Basic (6) programs and projects.	Book, Iraq, Baghdad, series no: 4172, 2016

18. Other Memberships and Achievements

- **Member** of the Staff in Al-Rafidain University College 2001- present.
- **Member** of the International Association of engineers. (IAENG), HongKong.
- Member of the IAENG societies:
 - the IAENG Society of Computer Science
 - the IAENG Society of Internet Computing and Web Services
 - the IAENG Society of Information System Engineering
 - the IAENG Society of Software Engineering
- **Professional Member** of the Institute of Advanced Engineering and Science (IAES), Malaysia, Indonesia.
- **Member** in the International Association of Computer Science and Information Technology, (IACSIT), Singapore, www.IACSIT.
- **Member** of the Iraqi Teachers Union, Iraq.
- Supervising over ninety Graduate Projects since 2001.
- Participating in the Workshop of Arab Golf Bank in Baghdad, Iraq, 2006, titled "Electronic Commerce and Credit Cards".
- **Reviewer** in the Asian Journal of Applied Sciences (AJAS), 2015.
- **Reviewer** in the Asian Journal of Education and E-Learning (AJEEL), 2015

- **Guest Reviewer** in the Scientific Research Publishing, China & USA, Journal of software Engineering and Applications (JSEA), 2015
- **Guest Reviewer** in the Scientific Research Publishing, China & USA, Journal of Information Security (JIS), 2015
- **Member of the Editorial Review Board** in the IGI Global, USA, International Journal of Information Retrieval Research (IJIRR), 2015, www.igi-global.com
- **Member of Editorial Review Board**, Independent Journal of Management and Production. (IJM&P), Brazil, www.ijmp.iqr.br
- **Member of International Editorial and Reviewer Board** of Scholedge International Journal of Management and Development, India, 2015, www.scholedge.org
- **Member of International Editorial Board** of Australian Journal of Wireless Technologies, Mobility and Security., Australia, <http://www.ausjournal.com>
- **Member in the Editorial Advisors / Reviewer Panel** of International Journal of Futuristic Trends in Engineering and Research (IJFTER), India, 2015, www.ijfter.com.
- **Member of Technical Review Committee** of International Journal of Computer Science and Information Security, USA, 2015, (, IJCSIS), www.ijcsis.com.
- **Member of Conference Committee (Editorial Advisors/ Reviewer Panel)** of the International Conference on Technology, Research & Development in Common Wealth Countries (ICTRDCW), Conference World, 2-3 May 2015, www.conferenceworld.esy.es/en/home/
- **Member of the Reviewer Board** of the International Journal for Research & Development in Technology (IJRDT), India, 2015, www.ijrdt.com
- **Member of the Board Members** of the International Journal of Recent Engineering Science (IJRES), india, 2015, www.ijres.com
- **Member of Technical Advisory Board** of International Journal of Innovative Research in Computer Science & Engineering (IJIRCST), India, 2015, <http://www.ijircst.org>
- **Associate Member** in Universal Association of Computer and Electronics Engineers (UACEE), (IRED) The institute of Research Engineers and Doctors, USA, 2015, www.uacee.com
- **Member of the Editorial Advisors / Reviewer Panel** of International Journal of Futuristic Trends in Multidisciplinary Engineering (IJFTME), India, 2015, www.ijftme.com
- **Member of the Editorial Board** of International Journal of Computer Science & Mechatronics (IJCSM.IN), India, 2015, <http://ijcsm.in>
- **Editorial Board Member** in the journal of “Software Engineering” (SE), Science Publishing Group, USA, 2015, <http://www.sciencepublishinggroup.com/j/se>
- **Reviewer** in the International journal of Science, Technology, and Society (IJSTS), Science Publishing Group, USA, 2015, <http://www.sciencepublishinggroup.com/j/ijsts>
- **Guest Editor** for the Special Issue “Data Mining Applications” under the journal “American Journal of Software Engineering and Applications (AJSEA), USA, 2015, <http://www.sciencepublishinggroup.com/j/ajsea>
- **Interview with me published** in ISSUU.com, Creativeroom4talk magazine, issue 7, Nov. 2015, Serbia, <http://creativeroom4talk.com/yes-our-november-issuu-issue-is-out-check-it-out/>

- **Member of Conference Scientific Committee (Scientific Reviewers Committee)** of the 3rd Virtual Multidisciplinary Conference QUAESTI 2015, 7- 11 Dec. 2015, Slovakia, [www.quaesti.com, the-science.com](http://www.quaesti.com_the-science.com)
- **Member of Conference Reviewer Board**, 4 th International Conference on Advanced Computing, Networking, and Informatics (ICACNI-2016), 22-24 September, 2016, India, www.acacni.com
- **Member of Conference Reviewer Committee**, International Conference on Intelligent Computing, Electronics Systems and Information Technology (ICESIT) / International Academy of Computer & IT Engineering (IACITE), August 25-26 2015, Malaysia, www.icesit.iacite.org/index.php
- **Member of Conference Reviewer Committee**, International Conference on Innovations in Communications, Network Systems and Computer Science (ICNSCS) / International Academy of Computer & IT Engineering (IACITE), Jan 10-11 2016, Dubai, www.icesit.iacite.org/index.php
- **Member of Conference Reviewer Committee**, 2016 Annual international Conference on innovative Technologie and Advanced Computing (ICIAC-16) / International Academy of Computer & IT Engineering (IACITE), March 24-25 2016, UK, www.icesit.iacite.org/index.php
- **Member of Conference Reviewer Committee**, International Conference on Intelligent Computing, Computer Science and Information Systems (ICCSIS) / International Academy of Computer & IT Engineering (IACITE), April 28-29 2016, Thailand, www.icesit.iacite.org/index.php
- **Member of Conference Reviewer Committee**, International Conference on Futuristic Trends in Engineering and Technologies (ICFTET) / International Academy of Computer & IT Engineering (IACITE), Nov. 30- Dec. 1, 2015, Turkey, www.ftet.iacite.org/index.php
- **Reviewer** in the International Journal of Engineering and Technologies (IJET), India, 2015, www.ijetjournal.org
- **Member of Editorial Board in The Organizing Committee of The Academicsera Conference** , Academicsera-1 st International Conference on Social Science and Humanities (ICSSH-2016), Jan 15 2016, academicsera.com, <http://theires.org/conference>
- **Member of Technical Program Committee (TCP) of 2nd IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2016)**, Dec 23-25 2016, India, icraie.poornima.org/committee.html
- **Member of Editorial board/ Review Committee**, International Journal of Scientific and Engineering (IJSER), France, 2016, http://www.ijser.org/editorial-board_page11.aspx
- **Member of Scientific Committee/ Reviewers**, Information and Communication Technologies, The 5 th International Virtual Conference on ICT, Management (ICTIC), Slovakia, March 21-25, 2016, www.ictic.sk
- **Member of Scientific Committee/ Reviewers**, The 4th International Global Virtual Conference-GV 2016, Slovakia, April 18-22, 2016, gv-conference.com
- **Member of Editorial board**, GRD Journals, Global Research and Development Journals, India, 2016, www.grdjournals.com
- **Member of Technical Program Committee (TCP) of International Conference on Architectural Research & Computer Aided Design (ICARCAD 2016)**, Italy, 11-12 Nov., 2016, www.icarcad.com