

CURRICULUM VITAE

Name Zahi Abdalla Mah'd Abu Sarhan
 Date of Birth 26-05-1974
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Academic qualifications

- 1991-1992- General Secondary Education Certification (scientific).
- 1992-1998 - Master of Science in Engineering (computer aided systems for information processing and control) – of Kharkiv State Technical University of Radio Electronics, Kharkov -Ukraine. Language: Russian.
- 1999-2004-Ph.D. Engineering Sciences, Specialty: Computerized Control Automated Systems and Progressive Information Technologies – theme of theses: “Models and tools of reengineering corporate information systems”- Kharkov National University of Radio Electronics - Kharkov –Ukraine, language: Russian.

Work Experience and Academic Activities

- September 2004 – October 2015 - Applied Science Private University include:
- 2004-2009 --Assistant Professor of Management information system Dept., Applied Science University, Amman-Jordan.
- 2009-2012 -- Assistant Professor of Computer information system Department, Applied Science University, Amman-Jordan.
- 2012-2014 -- Assistant Professor of Software Engineering Department, Applied Science University, Amman-Jordan.
- Oct. 2014-Oct. 2015-- Assistant Professor of Electrical and Computer Engineering Department, Applied Science University, Amman, Jordan.
- Feb. 2016 –May 2016 – Part-time Assistant Professor of Computer Science Department, The University of Jordan, Amman – Jordan.
- July 2016 – September 2016 - Part-time Assistant Professor of Software



- Oct 2013- Oct 2014 -Member of Academic Advising Committee, Faculty of Information Technology, Applied Science University, Amman – Jordan.
- Oct 2011 – Oct 2012 - Member of the Faculty Council, Representative for the information system department, Faculty of Information Technology, Applied Science University 2013/2014.
- Oct 2012 – Oct 2013 - Member of the Faculty Council, Representative for the s department, Faculty of Information Technology, Applied Science University, Amman – Jordan.
- Oct 2013 – Oct 2014 - Member of Exams Committee, Faculty of Information Technology, Applied Science University, Amman – Jordan.
- Oct 2013 – Oct 2014 - Head of the social committee, Faculty of Information Technology, Applied Science University, Amman – Jordan.
- Oct 2012 – Oct 2013 - Head of the Equivalence Committee, Faculty of Information Technology, Applied Science University, Amman – Jordan.
- Oct 2012 – Oct 2013 - Member of Equivalence Committee, Faculty of Information Technology, Applied Science University, Amman – Jordan.
- Oct 2011 – Oct 2012 - Member of Accreditation Committee, Faculty of Information Technology, Applied Science University, Amman – Jordan.
- Oct 2011 – Oct 2012 - Member of Equivalence Committee, Faculty of Information Technology, Applied Science University, Amman-Jordan.
- Oct 2011 – Oct 2012 - Member of the Faculty Council, Representative for the s department, Faculty of Information Technology, Applied Science University, Amman- Jordan.
- Oct 2011 – Oct 2012 - Member of E-Learning Committee, Faculty of Information Technology, Applied Science University, Amman-Jordan.
- Oct 2011 – Oct 2012 - Member of Exams Committee, Faculty of Information Technology, Applied Science University, Amman-Jordan.
- Nov 2010 – March2011- member the preparatory committee for the new department, Faculty of Information Technology, Applied Science University, Amman- Jordan.
- Oct 2010 – Oct 2011- member Field Training Committee, Faculty of Information Technology, Applied Science University, Amman-Jordan.
- Oct 2010 – Oct 2011- Member Investigation with Students Committee, Faculty of Information Technology, Applied Science University 2010/2011.
- September 2015 - Present Manager at KTS Jordan (Keys Training and solutions), Irbid



- Training Programs: (Java JSE, Java J2EE, PHP Full stack Developer “laravel framework”, Android).
- Develop several web applications using laravel framework :
- Employment system for Irbid chamber of industry, this project funded by giz.
- Appointment system for Al Shalabi clinic with mobile applications (android and IOS).
- Appointment system for Dr-Rasha cosmetics clinic this application supports real time invitations and push notifications using web sockets and web services and APIs.
- School management system (Smart School) this system can be used with any school, college, university, training/coaching institute with Multilanguage support.
- November 2022- present: Assistant Professor of Software Engineering Department, Ajloun National University, faculty of Information Technology.



- May 2023 – Present: Director of computer center at Ajloun National University.

MEMBERSHIP OF INTERNATIONAL PROFESSIONAL BOARDS

1. Editorial Board Member, International Journal of Computer Science and Information Technology, ([link](#))
2. May - Oct 2012 Program Chair, the 5th. International Conference on Computer Science and Information Technology (CSIT2013), 27-28 Mar. 2012, Amman, Jordan.
3. May - Oct 2013 Program Chair, the 6th. International Conference on Computer Science and

Area of Interest

Programming Languages, Operating Systems, System Analysis and design, Databases, Multi-agent distributed systems, Software agents, software agent's behaviour, and Image Processing.

Technical Skills

1. Programming Languages: Java, MATLAB, C++, .NET.
2. Web Development (full stack development using PHP Laravel framework)
3. Frontend Development (vue js, Angular)
4. Database and Database management systems (Mysql, pgSql, Oracle).

Teaching Experience at Applied Science University And The courses which I can take

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| 1. Computer skills (1). | 2. Computer skills (2)- Visual Basic (6). | 3. Advance Programming language. |
| 4. Introduction to Information Technology. | 5. Computer Networks (1) and (2) | 6. Data Transmission through Networks. |
| 7. Operating systems Principles. | 8. Operating Systems. | 9. Computer Simulation. |
| 10. Management of Information technology. | 11. Information System Analysis and Design. | 12. Knowledge Based Systems. |
| 13. Artificial Intelligence. | 14. Human Computer Interaction. | 15. Computer Information Systems. |
| 16. Internet Techniques (HTML, Java Script, ASP, PHP, Joomla). | 17. Introduction to Software Engineering. | 18. Supervising Graduate Projects. |



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| 19. Data Base 1,
and Data Base 2 | 20. C++ | 21. Data structure |
| 22. Modeling and
Simulation | 23. Management
information systems | 24. Integrated information
systems |
| 25. Advanced
Digital Logic
Circuit Design | 26. Computer Architecture | 27. Computer Networks
Lab |
| 28. Computer
Architecture | 29. Engineering
Applications Lab –
MATLAB for Engineers | 30. Computer Organization
& Architecture. |
| 31. Computer
Algorithms | 32. Object oriented
programming | |

Research Interests

Software agents, Software agent's behavior, software agent's emotions, Multi-agent systems, Web services and microservices, API and RESTful API.

Research publications

ABSTRACTS

1. Abu Sarhan Zahi, Artumov E.N. Evaluation the computer system conditions by small number of observations.// the fifth International young conference "Radio Electronics and young's in 21th century", Collection of scientific theses. KTURE, Kharkov 2001, p. 239-240. Ukraine.
2. Abu Sarhan Zahi, Multi alternative Decision making in designing the computer systems// sixth International young conference "Radio Electronics and young's in 21th century" Collection of scientific theses. KNURE, Kharkov 2002, p. 175-176. Ukraine.



PAPERS

1. Abu Sarhan Zahi , V.P. Avramenko, Manilova U.K., Analysis the efficiency of stably procedure estimation condition of corporative systems.// A Herald of Kharkov State Polytechnic University.- Kharkov, 2000.- No .125.- p.52- 60. Ukraine.
2. Avramenko V.P., Sadat Kkhudir, Abu Sarhan Zahi., 2001. Measures the functioning efficiency of distributed corporative system and formulation problems their optimization. // Management Information System and Devices. 117: 109-117. ISSN 0135-1710.
3. Evlanov M.V., Abu Sarhan Zahi A. M., 2002. The reengineering process modelling conception of corporative information system. Management Information System and Devices. 119: 27-31. ISSN 0135-1710.
4. Abu Sarhan Zahi A.M., M.V. Evlanov, Models and technology of corporative information systems re-engineering. // Management Information System and Devices. All-Ukr. Sci. Interdep. Mag. 2003. – No.125. P. 38-44. ISSN 0135-1710.
5. Abu Sarhan, Zahi A. (2009). Formalized Model of Stable Reengineering Information System Functional Elements (Business Processes). Journal of Computer Science” Volume 5 Issue 12: 915-921.
6. Abu-Sarhan, Zahi A. (2011). Application of Analytic Hierarchy Process (AHP) In the Evaluation and Selection an Information System Reengineering Project. “International Journal of Computer Science and Network Security (IJCSNS)”. Volume 11 Issue 1: 172:177.
7. Abu Sarhan, Zahi A. Mohammad Shkoukani, and Hesham Abusaimh. (2013). A Service Oriented Architecture to Integrate Short Message Service (SMS) Notification in Road Traffic Volume Control System. “International Journal on Computer Science and Engineering (IJCSE)”. Volume 5 Issue 2: 94:108
8. Abu Sarhan, Zahee A. (Nov. 2013). Utilizing collaborative filtering and recommender service in the student advising and course registration system. “International Journal of Electronics Communication and Computer Engineering (IJECCCE)”. Volume 4 Issue 6: 1633:1637
9. Abu Sarhan, Zahi A., As'ad, Alnaser. (2014). Information Security Approach in Open Distributed Multi-Agent Virtual Learning Environment. “International Journal of Computer Science and information technology (IJCSIT)”. Volume 6 Issue 1: (Print): 0975-4660, (Online): 0975-3826.



10. Abu Sarhan, Zahi A.M. (2014). Software Agents Interaction Algorithms in Virtual Learning Environment. "World of Computer Science and Information Technology Journal (WCSIT)". Volume 4 Issue 2: 18-25.

Languages Arabic; English; Russian.
References Available upon request

