

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, Speciality: Computerized Control Automated Systems and Progressive Information Technologies – theme of theses: “Models and tools of reengineering corporative 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 Engineering Department, Amman Arab University, Amman – Jordan.
- ✓ Oct 2014 – Oct 2015 - Head, Follow-Up and Web Committee, 2014/2015, Faculty of Engineering, Applied Science University, Amman, Jordan.
- ✓ March 2014 – Sept 2014 – Project manager and system analyst for student registration and advising information system, Faculty of Information Technology, Applied Science University, Amman – Jordan.



- ✓ 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.

- ❖ September 2015 - Present CEO at KTS Jordan (Keys Training and solutions), Irbid - Jordan.
- ❖ 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 cosmetics clinics: this application supports real time invitations and push notifications using web sockets and web services and APIs.
- ❖ Rental contract management system Amlaq Al shatee (Jadda, KSA).
- ❖ School management system (Smart ERP School Management System) this system can be used with any school, college, university, training/coaching institute with Multilanguage support.
- ❖ November 2022- October 2024: Assistant Professor of Software Engineering Department, Ajloun National University, faculty of Information Technology.
- ❖ May 2023 – October 2024: Director of computer center at Ajloun National University.



- ❖ October 2024 – present: Assistant Professor of Software Engineering Department, Jadara University, faculty of Information Technology

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 Information Technology (CSIT2013), 24-25 April. 2013, Amman, Jordan.

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, C++, ASP Dot NET, PHP Laravel .
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).
5. Git and github.
6. Node js , npm (node project manager)

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.
3. د. زاهي عبدالله ابوسرحان، أهمية المفاضلة بين البدائل في تحقيق الجودة الشاملة لنظم المعلومات أثناء تطويرها// المؤتمر العلمي الثاني لكلية الاقتصاد و العلوم الادارية- جامعة العلوم التطبيقية الخاصة " الجودة الاردن 2006. المعلومات" عمان – تكنولوجيا و الشاملة في ظل إدارة المعرفة

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 Stabile 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.
 11. HMS Hatamleh, AMA Alnaser, SS Saloum, ZA Abu Sarhan, 2025, Journal of Cloud Computing. *“Optimized dynamic resource allocation in quantum networks for secure and efficient wireless communication”*

Languages Arabic; English; Russian.
References Available upon request

