Dr. Zahi Abdulla Abu Sarhan
CURRICULUM VITAE

Name	Zahi Abdalla Mah'd Abu Sarhan
Date of Birth	26-05-1974
Citizenship	Jordanian Citizen
Marital status	Married, and have 5 children's
Current Residency	Amman – Jordan
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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 Systems and Software engineering – 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, University of Jordan, Amman – Jordan.
❖ July 2016 – September 2016 - Part-time Assistant Professor of Software Engineering Department, Amman Arab University, Amman – Jordan.

❖ September 2015 - Present Trainer at KTS Jordan (Keys Training and solutions), Irbid - Jordan.
❖ Training Programs: (Java JSE, Java J2EE, PHP Full Stack Developer "Laravel

framework", Android).

- ❖ September 2015 – Present: Full Stack Software Developer (Web developer) using php Laravel framework.
- ❖ Develop several web applications using Laravel framework:

  - ✓ Employment system for Irbid chamber of industry, this project funded by GIZ. (Web design with Vue js and php Laravel backend)
  - ✓ Appointment system for Al Shalabi clinic with mobile applications (android and IOS), frontend design (html 5,CSS3, bootstrap 4.6, jQuery and Javascript), and backend (php Laravel) and for mobile application used Flutter cross platform applivations.
  - ✓ Appointment system for Dr-Rasha cosmetics clinic this application supports real time invitations and push notifications using web sockets and web services and micro services based on Vue js as frontend and PHP Laravel as backend.
  - ✓ School management system (Smart School) this system can be used with any school, college, university, training/coaching institute with Multilanguage support.
  - ✓ Interactive education software for kids with spatial needs (Unity and C#).
  - ✓ E-Learning platform for primary and secondary education (Under Development)
  - ✓ Contract management system Mullak KSA frontend design (html 5, CSS3, bootstrap 5.1, jQuery and Javascript, ajax), and backend (php Laravel).

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++, .Dart and flutter (beginner).
2. Web Development and Design (HTML, Java, Front Page, PHP (Laravel framework), Vue.Js, Joomla, Mysql and sql server).

3. Hardware maintenance and well working with Arduino and hardware programming.

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

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 and web development (HTML, CSS3, Bootstrap 5 JavaScript, jQuery, Json and Ajax, PHP, Laravel pattern design Joomla).	17. Introduction to Software Engineering.	18. Supervising Graduate Projects.
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. Object oriented programming	30. Computer Organization & Architecture.
31. Computer Algorithms		

Research Interests

Software pattern design, Intelligent agent's behavior and agent's emotions, Multi-agent systems.

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 الشاملة في ظل إدارة المعرفة – تكنولوجيا و المعلومات" عمان 2006. الاردن

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 Abusaimeh. (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 (IJECCE)"***. 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.