

Dr. Basem Y. Zughoul
CURRICULUM VITAE



Academic Rank	Assistant Professor
Address	Abu Nsair - Amman Tel.: +962 795686636, +962 790621691 E-mail: Bzughoul@hotmail.com , Info@DigitalSoftjo.com Nationality: Jordanian
Education	PhD in Software and Information System Engineering 2011-2014, University Technical Malaysia Melaka, Malaysia MSc in Computer Information System 2004-2006, The Arab Academy for Banking and Financial Sciences, Jordan BSc in Computer Science 1981-1985, Yarmouk University, Irbid, Jordan
Job History	2024-Present Jadara University, Irbid, Jordan Assistant Professor at Software Engineering Department, Faculty of Information Technology 2019-Present General Manager, Digital Soft Company, Amman, Jordan 2015-2019 Assistant Professor, Aqaba University of Technology (01/09/2015-31/08/2019) Dean of Faculty of Information Technology (10/10/2017- 31/08/2019) Head of Computer Science Department (9/5/2017 - 31/08/2019) Head of Software Engineering Department (9/5/2017 - 31/8/2017) Director of Computer Center (7/9/2017 - 9/9/2018) Chief of the Faculty Course plans Committee Chief of the University Website Committee Member of University Council 2008-2010 General Manager, Second Dimension for Computer Company, Amman, Jordan

2004-2007	Director of Computer and Information Center and Lecturer, Royal Jordanian Air Force, Jordan
2002-2003	Head of Computer Division, Department of General Inspection, Royal Armed Forces, Jordan
1999-2002	Project Manager and Chief Architect of the complete life cycle Planning, Analysis, Designing, and Implementation the Royal Jordanian National Defense College Website, Royal Jordanian Air Force, Jordan
1988-1998	Lecturer of Computer Sciences, Prince Faisal Technical College, King Hussein Air College, Amman, Jordan

Publications

- M. A. Wahed, B. Zughoul, M. Alzubi and M. Bashabsheh, 'Enhancing CNN Resilience: A Dual-Layer Defense Framework Integrating Neural-Cleanse and JPEG Compression', *2026 International Conference on AI Innovations and Industry (ICAIII)*, Jeddah, Saudi Arabia, 2026, pp. 1-6, doi: 10.1109/ICAIII69475.2026.11521380.
- M. Bashabsheh, M. Alzubi, B. Zughoul and M. A. Wahed, 'Integrating Business Intelligence Frameworks for Predictive and Adaptive Supply Chain Logistics Management', *2026 International Conference on AI Innovations and Industry (ICAIII)*, Jeddah, Saudi Arabia, 2026, pp. 1-7, doi: 10.1109/ICAIII69475.2026.11521348.
- M. Alzubi, M. Bashabsheh, B. Zughoul and M. A. Wahed, 'Scope-3 Intelligence: A Business Intelligence System for Carbon Accounting and Sustainable Supply Chains', *2026 International Conference on AI Innovations and Industry (ICAIII)*, Jeddah, Saudi Arabia, 2026, pp. 1-8, doi: 10.1109/ICAIII69475.2026.11521850.
- Zughoul, Basem, El-Omari, Nidhal Kamel Taha, Al-Refai, Mohammed 'Using deep learning methods in detecting the critical success factors on the implementation of cloud ERP', *Int. J. Business Information Systems*, Vol. 44, No. 2, pp. 219-248, Nov 2023.
- Al-Refai, Mohammed, Zughoul, Basem, Al-Raba'nah, Yousef, Alauthman, Mohammad and Murais, Ahmad 'Software Development by Merging Prototyping and Agile Approaches', *International Journals of Advanced Research in Computer Science and Software Engineering (IJARCSSE)*, (Vol. 7, Issue 9, pp. 47-51, Sep 2017.
- Zughoul, Basem, Al-Refai, Mohammed and Nedhal Elomari 'Evolution Characteristics of ERP Systems that Distinct from Traditional SDLCs', *International Journal of Advanced Research in Computers and Communication Engineering (IJARCCE)*, Vol. 5, Issue 7, pp. 87-91, July 2016.
- Zughoul, Basem 'Software Process Models and Enterprise Resource Planning System', *International Journal of Advanced Research in Computers and Communication Engineering (IJARCCE)*, Vol. 5, Issue 5, pp. 489-494, May 2016.
- Zughoul, Basem and Hussin, Burairah 'Migration Traditional Projects Framework to Enterprise Resource Planning System: An Empirical Study', e-Proceeding of Software Engineering Postgraduates Workshop (SEPoW2013), pp. 98-102, 19 November 2013 City Campus Universiti Teknikal Malaysia Melaka,

Malaysia.

- Zughoul, Basem and Hussin, Burairah 'Factors Effecting Migration Traditional Projects to Enterprise Resource Planning System (ERP)', International Review on Computers & Software, Vol. 8, Issue 8, pp. 2005-2012, Aug 2013.
- Zughoul, Basem and Hussin, Burairah 'Migration Traditional Projects to Enterprise Resource Planning System', International Review on Computers & Software, Vol. 7, Issue 6, pp. 3162-3169, Nov 2012.

Conferences

- Software Engineering Postgraduates Workshop (SEPoW2013), 2013,

Melaka, Malaysia

- IBM Rational Rows Conference, 2008, Sharm-Elshiekh, Egypt
- Oracle Open World Conference, 2004, San Francisco, USA
- Annual Computer Security Conference, 2002, Chicago, USA

Teaching Courses

- Fundamentals of Information Technology, Database, Information Systems, Software Engineering, Scientific Research, Special Topics in SE, Graduate students supervision

Technical Experience

I participated in the development of many information systems as Mid-Large size.

I worked extensively and participated in complete life cycle planning, analysis, designing, and implementation the following software projects:

- ERP system, Personal & Payroll system, Accounting system
- Maintenance management system
- Management information system
- Medical Information systems (Labs and Clinics)

Training Courses

- Analysis, Design & System Documentation Techniques, 2000, RSS, Amman, Jordan
- System Engineering, 1997, RSS, Amman, Jordan
- Good Teaching Methodology, 1996, RJAF, Jordan
- System Programming & Analysis Officer, 1995, Mississippi, USA
- Computer System Officer, 1995, Mississippi, USA
- Diploma, American Language Course, 1995, DLI, Texas, USA
- DMSII Administration & Operations, 1994, Unisys, United Kingdom

Languages

- Arabic: Native
- English: very good writing and oral skills

References

- Professor Solhi shahateet - Ex-president of AUT university 2017-2019
00962-795260360
- Professor Gaith Abanda - Ex-president of AUT university 2015-2017
00962-798159900
- Professor Dr. Nidhal El-Omari, Faculty of IT, The World Islamic Sciences & Education University, Amman, Jordan. Email nidhal.omari@wise.edu.jo
- Associate Professor Dr. Mohammad Refaa, Faculty of Science and IT, Zarqa University, Zarqa, Jordan. Email refai@zu.edu.jo