

# Dr. Marwan Alseid

## CURRICULUM VITAE

### PERSONAL DATA

**Name:** Marwan Najeeb Khader Alseid

**Nationality:** Jordanian

**Date of Birth:** January 4, 1967

**Place of Birth:** Kraymeh, Jordan

**Marital Status:** Married

**No. of Children:** 4

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### EDUCATION (ACADEMIC QUALIFICATIONS)

**Ph. D.** PhD in Computing and Software Engineering  
**Discipline:** Human-Computer Interaction and Usability Engineering  
**Thesis Title:** Multimodal Interactive E-Learning: An Empirical Study  
(An experimental study that investigates the effect of multimodal metaphors on the usability of e-learning interfaces and the production of empirically derived guidelines for the use of these metaphors in the software engineering process)  
**University of Bradford, Bradford, UK, 2009.**

**Msc** Computer and Information Sciences, Yarmouk University, Irbid, JORDAN, 2003.

**Bs** Computer Science, Yarmouk University, Irbid, JORDAN, 1990.

### OTHER QUALIFICATIONS

- ICDL Certificate, 2001, UNSECO Cairo Office, Cairo, Egypt.
- One-Year course “Professional training in teaching methods for university graduate teachers of computer in the preparatory schools”, 1994, UNESCO Institute of Education.

## JOB HISTORY

- **Sep. 2014-Present:** Assistant Professor, Computer Science Department, College of Computing, Fahad Bin Sultan University, Tabuk, Kingdom Of Saudi Arabia.
- **Aug. 2012-Sep. 2014:** Head of Software Engineering Department, Faculty of Information Technology, Applied Science University, Amman, Jordan.
- **Feb 2010- Sep. 2014:** Assistant Professor, Software Engineering Department, Applied Science University, Amman, Jordan.
- **2003-2006** Computer Instructor, Computer Science Department, Al Balqa' Applied University, Salt, Jordan.
- **1998-2003** Computer Teacher, Ministry of Education, Jordan.
- **1996-1998** Computer Instructor, Teacher's College of education, Sur, Ministry of Higher Education, Sultanate of Oman.
- **1992-1996** Teacher, United Nations Schools, Jordan.

## COURSES TAUGHT

- **B. Sc. Level**
  - Graduation Projects Supervision
  - Human-Computer Interaction
  - Introduction to Software Engineering
  - Software Design and Construction
  - Software Maintenance and Re-engineering
  - Software Project Management
  - Software Testing and Quality Assurance
  - Systems Analysis and Design
  - Object Oriented Software Engineering
  - Computer Graphics
  - Artificial Intelligence
  - Object Oriented Programming using C++
  - Structured Programming (Computer programming using C++)
  - Internet Programming and Web Design
  - Programming Languages
  - Computing Ethics
  - Operating Systems
  - Logic Design
  - Computer skills 1
  - Computer skills 2 (Computer programming using Visual Basic and Visual Basic.Net)
- **M. Sc. Level**
  - **Interactive Software Design (Master Program)**

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## **RESEARCH INTERESTS**

Human-Computer Interaction, Multimodal Interaction, Usability Engineering, Usability of E-learning Interfaces, Virtual Reality, Natural Language Processing.

## **PERSONAL TRAITS & SKILLS**

- High achiever, driver, hard working.
- Highly organized, methodical and procedure oriented.
- Command excellent analytical and problem solving skills.
- Process extraordinary degree of attention to details.
- Believe in management by objectives.

## **MEMBERSHIP OF UNIVERSITY COMMITTEES**

- Member of University Library Committee, Fahad Bin Sultan University, Saudi Arabia, 2014/2015, 2015/2016.
- Member of University Student Affairs Committee, Fahad Bin Sultan University, Saudi Arabia, 2014/2015, 2015/2016.
- Head of Department Curricula Committee, Computer Science Department, Fahad Bin Sultan University, Saudi Arabia, 2015/2016.
- Head of Department Schedule Committee, Computer Science Department, Fahad Bin Sultan University, Saudi Arabia, 2015/2016.
- Member of Department Council Committee, Department Bridging Committee, Department Outreach Committee, Computer Science Department, Fahad Bin Sultan University, Saudi Arabia, 2015/2016.
- Member of Faculty Council, Faculty of Information Technology, Applied Science University, Jordan, 2013/2014.
- Member of Faculty Council, Faculty of Information Technology, Applied Science University, Jordan, 2012/2013.
- Member of the University eLearning Committee, Applied Science University, Jordan, 2012/2013.
- Head of eLearning Committee, Faculty of Information Technology, Applied Science University, Jordan, 2012/2013.
- Head of Exams Committee, Faculty of Information Technology, Applied Science University, Jordan, 2011/2012.
- Member of eLearning Committee, Faculty of Information Technology, Applied Science University, Jordan, 2011/2012

- Member of Faculty Council, Faculty of Information Technology, Applied Science University, Jordan, 2011/2012.
- Member of Faculty Council, Faculty of Information Technology, Applied Science University, Jordan, 2010/2011.
- Member of Graduation Projects Committee, Faculty of Information Technology, Applied Science University, Jordan, 2010/2011.
- Member of Study Plan Committee, Faculty of Information Technology, Applied Science University, Jordan, 2009/2010.

## M.Sc. Thesis External Examiner

- Jehan Jawad Al-Elayyan, "An Automated System for Parsing Arabic Text Using Top-Down Approach", MSc. Thesis in Computer Science, AlBalqa' Applied University, 2011.
- Rasha Moh'd Altarawneh, "A Spell Checker for Arabic Language: A new Approach Based on the Radix Search Tree ", MSc. Thesis in Computer Science, AlBalqa' Applied University, 2011.
- Nancy Mahmoud Al-Ramahi, "An Automated Word Class Tagger for Arabic Text Using Transformation-Based Learning (TBL) Method ", MSc. Thesis in Computer Science, AlBalqa' Applied University, 2011.
- Safa Amin Al-Rawi, "Building A Database For Recognition Arabic Handwritten Forms For the Research Purposes", MSc. Thesis in Computer Science, AlBalqa' Applied University, 2011.
- Kawther Thabt Saleh, "Building A Finite-State Morphological Analyzer For Arabic Language", MSc. Thesis in Computer Science, AlBalqa' Applied University, 2011.

## OTHER SCIENTIFIC ACTIVITIES

- TPC member, ICIIS'2013 (ICIIS'2013 The International Conference on Information and Intelligent Systems).
- Member of the technical committee, MASAUM International Conference on Business, Education and Creative Technology 2012 (MIC-BECT'12).
- Reviewer, The World Scientific and Engineering Academy and Society (WSEAS).

## PUBLICATIONS

1. **Book: Alseid M.** and Rigas D. (2011): "Usability of Multimodal Interactive E-Learning: Investigating the influences of multimodal interaction metaphors on the usability of e-learning interfaces", ISBN: 978-3-8465-5324-4, LAP LMBERT Academic Publishing.
2. **Book Chapter: Alseid M.** and Rigas D. (2009): "An Empirical Investigation into the Use of Multimodal E-Learning Interfaces", Human-Computer Interaction, edited by Inaki Maurtua, ISBN: 978-953-307-022-3, In-Tech, 2009, p.p. 85-100, Chapter 5.

3. **Journal paper:** Azzeh M., El Sheikh Y. and **Alseid M.** (2014), "An Optimized Analogy-Based Project Effort Estimation", International Journal of Advanced Computer Science and Applications(IJACSA), 5(4): 6-1.
4. **Journal paper:** **Alseid M.**, Azzeh M. and El Sheikh Y. (2014), "A Comparative Usability Study on the Use of Auditory Icons to Support Virtual Lecturers in E-Learning Interfaces", International Journal of Advanced Computer Science and Applications(IJACSA), 5(1): 88-95.
5. **Journal paper:** Azzeh M. and **Alseid M.** (2013), "On the Value of Ranked Voting Methods for Estimation by Analogy", Journal of IET Software, ISSN: 1751-8806, 7(1): 1-8.
6. **Journal paper:** **Alseid M.** and Rigas D. (2010): "Three Different Modes of Avatars as Virtual Lecturers in E-learning Interfaces: A Comparative Usability Study", Open Virtual Reality Journal, Bentham Open, ISSN: 1875-323X, volume 2: 8-17.
7. **Journal paper:** Rigas D. and **Alseid M.** (2009): "Using Multimodal Metaphors to Communicate Information in E-learning: A Two-Group Empirical Study", International Journal of Computer Science and Systems (IJCSS), Universal Society of Applied Research, ISSN: 1803-8336, 1(1): 52-59.
8. **Journal paper:** **Alseid M.** and Rigas D. (2008): "Empirical Results for the Use of Facial Expressions and Body Gestures in E-Learning Tools", International Journal of Computers and Communications, University Press, UK, ISSN: 2074-1294, 2(3): 87-94.
9. **Conference paper:** **Alseid M.**, AlKhateeb J. and Rawashdeh O. (2014): "Proposed Approaches for Intelligent Classification of Mobile Apps for Smart Phones", Proceeding of the 6th International Conference on Computer Science and Information Technology (CSIT 2014), p.p. 60-63, Applied Science University, Amman, Jordan, March 2014.
10. **Conference paper:** **Alseid M.**, Azzeh M. and El Sheikh Y. (2013): "Employing Auditory Icons to Support Virtual Lecturers in E-Learning Interfaces: A Proposed Comparative Usability Study", Proceeding of the 5th International Conference on Computer Science and Information Technology (CSIT 2013), p.p. 219-222, Applied Science University, Amman, Jordan, March 2013.
11. **Conference paper:** **Alseid M.** and Rigas D. (2011): "The Role of Earcons and Auditory Icons in the Usability of Avatar-Based E-Learning Interfaces", Proceedings of the 4th International Conference on Developments in E-Systems Engineering, December 2011, p.p. 276-281
12. **Conference paper:** Alqrainy Sh., Almuaidi H., Rashaideh H. and **Alseid M.** (2010): "Toward Developing a Universal and Standard System for Transliteration and Transcription Arabic Language", In Proceedings of the 15th International Business Information Management (IBIMA) Conference, ISBN : 978-09821489-4-5, p.p. 2002-2007, Cairo, Egypt.

13. **Conference paper: Alseid M.** and Rigas D. (2009): "Utilising Multimodal Interaction Metaphors in E-learning Applications, An Experimental Study", In Proceedings of the IEEE 23rd International Conference on Advanced Information Networking and Applications (AINA-09), p.p. 944-949, University of Bradford, Bradford, UK, May 26-29, 2009.
14. **Conference paper: Alseid M.** and Rigas D. (2009): "Users' Views of Facial Expressions and Body Gestures in E-Learning Interfaces: An Empirical Evaluation", In Proceedings of the 8th WSEAS International Conference on Software Engineering, Parallel and Distributed Systems (SEPADS '09), p.p. 121-126, Cambridge, UK, ISBN 978-960-474-052-9.
15. **Conference paper: Alseid M.** and Rigas D. (2008): "Efficiency of Multimodal Metaphors in the Presentation of Learning Information", In Proceedings of the 22nd Annual Conference of Interaction, People and Computers XXII, HCI 2008, (Omar Abuelmatti and David England eds), p.p. 107-110, British Computer Society, Volume 2, Liverpool, UK, ISBN 978-1-906124-06.
16. **Conference paper: Rigas D.** and **Alseid M.** (2008): "Multi-modal Aided Presentation of Learning Information: A Usability Comparative Study", In Proceedings of IADIS International Conference on Interfaces and Human-Computer Interaction, p.p. 234-238, InderScience Publishers. IADIS, Amsterdam, Netherlands, ISBN 978-972-8924-5.