



Mu'tah University
Computer Science Department
Information Technology Faculty

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Date: April 16, 2018

Mohammad Ali Abbadi
Associate Professor

Personal Information

Date of Birth :December 16, 1968
Place of Birth :Amman, Jordan
Nationality :Jordanian
Marital Status :Married , three children

Education

1996-2000 D.S. in Computer Science
School of Eng. And Applied Sc.
The George Washington University, USA
Graduation date : May 2000

1995-1996 M.S. in Computer Science
School of Eng. And Applied Sc.
The George Washington University, USA
GPA : 4.0
Graduation date : July 1996

1986-1990 B.S. in Computer Science,
School of Applied Science
Mu'tah University, Jordan
GPA: 3.86/4.0
Graduation date: June 1990

Technical Skills

Language Experience : Visual Basic, C, C++, COBOL, Assembly, FoxPro,
Pascal, RPG, Java, VB.net, and Oracle.

Platform Experience : MS Windows, AS/400, LINUX, and UNIX.

Internet Experience : HTML, Java, XML, Java Script, and others

Work Experience

2016– Present Full-time Associate Professor
Computer Science Department, Information Technology Faculty, Mu'tah
University.

2009– 2016 Full-time Associate Professor
Information Technology Department, Mu'tah University.

2009– Present Full-time Associate Professor
Information Technology Department, Mu'tah University.

2000– 2009 Full-time Assistant Professor
Information Technology Department, Mu'tah University.

- 1996-2000** George Washington University, USA
Graduate Teaching Assistant
- 1992-1994** Jordan Armed Forces/Intelligence
- System administrator for AS/400 duties included establishment of new Security and log tracking policies for remote and local users.
 - Special project manager for project to down sizes and decentralizes operations in the Armed Forces.
 - Duties included the coordination between teams to program using Windows front-end applications and bilingual conversion of sub data from AS/400 to PC server.
 - Team leader to identify requirements for an imaging solution using the current databases available for the AS/400.
- 1990-1992** Jordan Armed Forces/Intelligence
- System programmer using COBOL on Unisys B1900.
 - New site installation and hardware maintenance of IBM AS/400, duties also entailed leading a team as system analyst to program a personnel application using RPG, COBOL and command language. In addition, Arabic data conversion from Unisys B1900 Model to new IBM AS/400 system.

Professional Experience

- 2008– Present** Coordinator of EU-Projects
- 2008– April 2014** Head of Academic Coordination Department, Mu'tah University.
- 2007– 2009** Head of Information Technology Department, Mu'tah University.
- 2006–2007** Assistant Dean / Faculty of Science/ Mu'tah University

Courses Taught

Advanced Computer Algorithms
 Advanced Database
 Computer Algorithms
 Computer Architecture
 Computer Graphics
 Communication Skills
 Data Structure
 Digital Systems Design
 Discrete Structure
 Graduation Project
 Image Processing
 Information Technology
 Internet Applications in Education
 Internet Communication Skills
 Multimedia
 Operating System
 Programming Languages (such as C++, VB, Java , Pascal)
 System Programming
 Web Publishing
 Master Students' Supervision

Committee Member/ Mu'tah University

Accreditation and Quality Assurance Committee
Computer Training Committee
Department Members Appointment Committee, (head & member)
Editorial Board, Mutah Lil-Buhūth Wad-Dirāsāt, Natural and Applied Sciences
E-Learning Committee
Electronic transition committee
Faculty of Science Consulting Committee
ICT Committee for the evaluation of ICT Strategies in Higher Education
Information Technology Strategy
MUCDL Training committee for University staff
Quality Assurance Committee
Student Election Committee, (several times)
University Computerizing Committee

Research Interest

Multimedia, Data compression, E-Learning, Software and Systems, Image Indexing and Searching. Operating Systems.

Language Skills

Arabic	Native
English	Very good

Accreditation

His Majesty Academic Excellence Award. Citation for achievements in Mu'tah University. June 1990

Research Summary

Ahmad Hassanat, Eman Btoush, Mohammad Abbadi and others, "Victory Sign Biometric for Terrorists Identification: Preliminary Results", 8th International Conference on Information and Communication Systems 2017, 182-187.

Ahmad Hassanat, Esra'a Alkafawen, Mohammad Abbadi and Mouhammd Alkasassbeh, "Enhancing Genetic Algorithms using Multi Mutations: Experimental Results on the Travelling Salesman Problem", International Journal of Computer Science and Information Security July 2016 V. 14 No. 7, 785-801.

Ahmad Hassanat, Mohammad Abbadi and Ghada Altarawneh, "Solving the Problem of K Parameter in the KNN Classifier Using an Ensemble Learning Approach", International Journal of Computer Science and Information Security August 2014 V. 12 No. 8, 33-39.

Mohammad Abbadi, " Evaluation of Frame Estimation Techniques in Video-Lossy Environments", Mutah Lil-Buhūth Wad-Dirāsāt 2010 V.25 No. 2, 62-69.

Mohammad Abbadi, "A New Message Authentication Technique using Zingzag Manipulation and Block Chaining ", Journal of Applied Sciences 2008 V 8 No. 21, 3863-3870.

Mohammad Abbadi, "Image Error Recovery in Fax Transmission Using Data-prediction Methodology with JBIG Compression and V.29 Modulation ", Mutah Lil-Buhūth Wad-Dirāsāt 2007 V22 No. 2, 53-61.

Mohammad Abbadi and Baha Khasawneh, "Cross-Frame Error Correction in Faulty Facsimile Transmitted Images ", Mutah Lil-Buhūth Wad-Dirāsāt 2005 V.20 No. 3, 89-98.

Baha Khasawneh and Mohammad Abbadi, "Correcting Partial Errors in Faulty Facsimile Transmitted Images with JBIG Compression and V.29 Modulation ", Mutah Lil-Buhūth Wad-Dirāsāt 2004 V.19 No. 3, 129-137.

Mohammad Abbadi and Abdou Youssef, "Block DCT-Based Indexing of Image Databases," International Conference on Information Systems Analysis and Synthesis, Orlando, Florida, July 1999.

Mohammad Abbadi and Abdou Youssef "Indexing and Searching of image Data in Multimedia Databases," Int'l. Conf. on Information Systems Analysis and Synthesis, Orlando, Florida, July 1998.