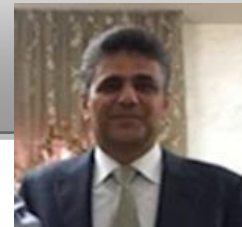


Dr. Mohammad Abbadi

Computer Science Department
Faculty of Information Technology, Mutah University, Al-Karak, Jordan



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• abbadi1@icloud.com

Personal Statement

Enthusied and skilled IT Professor with an exceptional educational background. Firm, positive leader with outstanding bond among colleagues, students and administration. Scrupulous and devoted role model, knowledgeable in all curriculum areas. Striving to motivate students in order to accomplish academic and personal excellence. Extensive experience in building adaptable innovative programs and course work, combined with an extraordinary knowledge that meets the needs of a diverse group. Continues ambition to create an inspiring and engaging learning environment. A notable history of research success with multiple published articles

Accomplishments

Mohammad Abbadi, Ahmed Al-Bustanji, Mouhammd Alkasassbeh, "Robust Intelligent Malware Detection using Light GBM Algorithm", International Journal of Innovative Technology and Exploring Engineering (IJITEE) Vol. 9 , No. 6, pp. 1253-1263 2020.

Mohammad Abbadi, "A New Corner Detector Based on Non-Maxima Suppression", Science International Journal Lahore Vol 32 No. 1 pp. 117-120 2020.

Mohammad Abbadi, Ahmad Abadleh, Saqer Alja'afreh, and Zaid Halhouli, "Machine Learning-Based Approach For Detecting Driver Behavior Using Smartphone Sensors", International Journal of Scientific & Technology Research Vol. 8 No. 12 pp. 1057-1060 2019.

Alaa Alqatawneh, Rania Alhalaseh, Ahmad Hassanat, and Mohammad Abbadi, "Statistical-Hypothesis-Aided Tests for Epilepsy Classification", MDPI Computers Vol. 8 No. 4 84, doi:10.3390/computers 8040084 2019.

Audi Al-Btoush, Mohammad Abbadi, Ahmad Hassanat, and others, "New Features for Eye-Tracking Systems: Preliminary Results", The 10th International Conference on Information and Communication on Systems ICICS IEEE 6/2019.

Mohammad Abbadi, Mouhammd Alkasassbeh, and Ameen Al Saudi, "A General Structure for Improving the Lifetime and Stability Period of Wireless Sensor Networks", IJCSNS International Journal of Computer Science and Network Security Vol. 19 No. 5 pp. 9-18 2019.

Mohammad Abbadi, "RSS-Based Indoor Localization using Building Structure", IJCSNS International Journal of Computer Science and Network Security Vol. 19 No. 1 pp. 190-197 2019.

Ahmad Hassanat, Surya Prasath, Mohammed Ali Abbadi and others "An Improved Genetic Algorithm with a New Initialization Mechanism Based on Regression Techniques", MDPI Information 2018, vol. 9 No, 7 167; doi:10.3390/info9070167 2018.

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, pp. 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 Vol. 14 No. 7, pp. 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 Vol. 12 No. 8, pp. 33-39 2014.

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

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

Mohammad Abbadi, "Image Error Recovery in Fax Transmission Using Data-prediction Methodology with JBIG Compression and V.29 Modulation", Mutah Lil-Buhūth Wad-Dirāsāt Vol. 22 No. 2, pp. 53-61 2007.

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

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 Vol.19 No. 3, pp. 129-137 2004.

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.

Journal Referee in:

International Journal of Advanced Science and Technology

Journal of Computer Science.

The International Arab Journal of Information Technology- IAJIT.

World Applied Sciences Journal

Advisor or Co-Advisor on Thesis Project:

Mohammad Ghasawneh. 2017-2019 MSc. A Comparative Study of face Recognition Techniques. Computer science department, Mutah University, Jordan.

Alaa Alqatawneh. 2017-2019 MSc. Artificial intelligence aided techniques for epilepsy classification Computer science department, Mutah University, Jordan.

Mona AlObaisat. 2018-2019 MSc. Detect planet disease using image processing Computer science department, Mutah University, Jordan.

Aishaa Al-Tarawneh. 2016-2018 MSc. A new Thinning algorithm for Fingerprint Biometric. Information Technology department, Mutah University, Jordan.

Odai Betoosh. 2016-2018 MSc. Eye Language for Disabled Person. Information Technology department, Mutah University, Jordan.

Hannen Rawashdeh. 2017-2018 MSc. software defect prediction based on adaptive supervised machine learning. Computer science department, Mutah University, Jordan.

Maryam Al-Sarayreh. 2017-2018 MSc. An approach for enhancing corner detection algorithm. Computer science department, Mutah University, Jordan.

Taghreed Al-Tarawneh. 2017-2018 MSc. leveraging different segmentation algorithms for effective image compression Computer science department, Mutah University, Jordan.

Ebtisam Al-Maaitah. 2017-2018 MSc. Ovarian cancer detection using image processing techniques Computer science department, Mutah University, Jordan.

Islam Al-Qatawneh. 2017-2018 MSc. Improving sensors lifetime via data compressing in wans Computer science department, Mutah University, Jordan.

Mahamoud Al-Dmour. 2016-2017 MSc. Evaluating and Comparing Between Fuzzy C-Means Clustering and K-Mean Clustering Algorithms in General Clouds. Information Technology department, Mutah University, Jordan.

Oslam Tarawneh. 2016-2017 MSc. Online Mobile-Based System for Signature Verification. Information Technology department, Mutah University, Jordan.

Salaam Abu-Qdari. 2015-2017 MSc. An improved GA with Initial Population Technique for Traveling Salesman problem. Information Technology department, Mutah University, Jordan.

Sana Qeraaqeh. 2015-2016 MSc. Smart game design using artificial intelligence. Information Technology department, Mutah University, Jordan.

Projects

Partner in the FP7 Project funded by the European Union, entitled FRESnel for Solar Heat with New Receiver and Geometry (FRESH-NRG)"

Partner in the TEMPUS Project funded by the European Union, entitled "Promoting Intellectual Law Studies in the Mediterranean Region."

Partner in the TEMPUS Project funded by the European Union, entitled "Towards a University Enterprise Alliance in Jordan".

Partner in the TEMPUS Project funded by the European Union, entitled "Enhancing Quality Assurance Management in Jordanian Universities."

Partner in the ERASMUS Plus Project funded by the European Union, entitled "Towards a National Qualifications Framework for Jordan."

Partner in the ERASMUS Plus Project funded by the European Union, entitled "The Mediterranean Public HEALTH Alliance (MED-HEALTH)."

Partner in the ERASMUS Plus Project funded by the European Union, entitled "Modernizing Human Resource Management In South Mediterranean Higher Education (RISE)."

Education

- 1996-2000 D.S. in Computer Science
School of Eng. And Applied Sc.
The George Washington University, USA
Thesis title "Content-Based Indexing and Searching in Image Databases".
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 Engineering,
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

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 log tracking policies for remote and local users.
- Special project manager for project to down sizes and decentralizes operations in Armed Forces.
- Duties included the coordination between teams to program using Windows front 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

- 2020– Present Dean of Information Technology Faculty
- 2008– 2016 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.

Accreditation

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

Committee Member

- 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
- University Computerizing Committee

Teaching

Level	Course Name
Master	Advanced Computer Algorithms
Master	Advanced Database
Master	Advanced Multimedia
Master	Advanced Web Publishing
Master	Design and Development of e-business

Master	Internet Applications in Education
Master	Introduction of Information Technology
Master	Management Information Systems
Master	Supervision of Master's Dissertation
Undergrad	C++ Programming
Undergrad	Cobol Programming
Undergrad	Communication Skills
Undergrad	Computer Algorithms
Undergrad	Computer Architecture
Undergrad	Computer Graphics
Undergrad	Data Structure
Undergrad	Digital Systems Design
Undergrad	Discrete Structure
Undergrad	E-Commerce Technology
Undergrad	Graduation Project
Undergrad	Image Processing
Undergrad	Internet Programming
Undergrad	Java Programming
Undergrad	Operating System
Undergrad	Pascal Programming
Undergrad	System Programming
Undergrad	Web Publishing

Research Interests

- Image Indexing and Searching
 - Multimedia
 - Software and Systems
 - Intelligent Mobile Agent Systems
 - Computer Network Security
 - Cloud computing
 - Pattern Recognition
 - E-Learning
 - Machine Learning
 - Operating Systems
 - Intrusion Detections Systems
 - Network Traffic Analysis
 - Data compression
 - Watermarking
-

Referees

Name: Prof. Abdou Youssef
Organization: George Washington University, USA
Webpage: <https://www2.seas.gwu.edu/~ayoussef/>
Email: ayoussef@gwu.edu
Relationship: PhD main supervisor

Name: Prof. Abdulrahim Hunaiti
Organization: Association of Arab Universities
Webpage: <http://www.aaru.edu.jo/Home.aspx>
Email: dr.abdelrahim@aaruu.edu.jo
Relationship: Former University President

Name: Prof. Thafer Assaraira
Organization: Mu'tah University
Webpage: <http://www.mutah.edu.jo>
Email: tsaraira@yahoo.com
Relationship: University President

Name: Prof. Awni Hammouri
Organization: Mu'tah University
Webpage: <http://www.mutah.edu.jo>
Email: hammouri@mutah.edu.jo
Relationship: Former Dean Of Information Technology Faculty