Name: Ammar M. Huneiti.
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Date of Birth: Sept. 1968.
Marital Status: Married.

SUMMARY OF EXPERIENCE

2012 – Present *Associate Professor,* University of Jordan, King Abdullah II School for Information Technology, Computer Information Systems Department (Amman – Jordan).
*Main Research Interest***:** Intelligent Information Systems.
Other *Research Interests:* Data Mining, Performance Support Systems, Multimedia, Geographic Information Systems, Spatial Databases, Adaptive Hypermedia.

2017 - 2018 (*Voluntary) Consultant for H.E. the Jordanian Minister of Social Development (MoSD),* (Amman – Jordan).
Directly reporting to H.E. the Minister in issues related to building partnerships with the international development agencies, donors, NGOs and the private sector.

2015 - 2016 *Vice Dean,* University of Jordan, King Abdullah II School for Information Technology (Amman – Jordan).

2005 – 2012 *Assistant Professor,* University of Jordan, King Abdullah II School for Information Technology, Computer Information Systems Department (Amman – Jordan).

2008 - 2011 *Consultant for H. E. the Jordanian Minister of Social Development (MoSD),* (Amman – Jordan).
Directly reporting to H.E. the minister in issues related to improving the administration, resources allocation, automation and processes flow of MoSD and the National Aid Fund (NAF).

2008 - 2011 *Senior consultant at the "Social Protection Enhancement" project,* (Amman – Jordan).
This project was jointly managed by the World Bank and the Jordanian Ministry of Social Development *MoSD*. The main objectives of this project were **(i)** enhancing the targeting mechanism and coverage of the National Aid Fund **(ii)** improving access to and quality of social work, care and rehabilitation services at the community level, and **(iii)** building institutional capacities of relevant stakeholder agencies to effectively implement the social safety net programs.

2008 - 2011   ***Consultant for the National Aid Fund (NAF),*** (Amman – Jordan). This post involved consultancy tasks aimed to improve covering and targeting of the poor people in Jordan. In addition, it also involved enhancing the administration of NAF through automation. Pilot studies on real beneficiaries' data were conducted in order to test and compare different implementations of poverty information systems including the Proxy Means Testing (PMT) formula.

2012 - 2014   ***Dean Assistant for Students Affairs,*** University of Jordan, King Abdullah II School for Information Technology (Amman – Jordan).

2008 - 2010   ***Dean Assistant for Students Affairs,*** University of Jordan, King Abdullah II School for Information Technology (Amman – Jordan).

2007 - 2008   ***Dean Assistant for Labs Affairs,*** University of Jordan, King Abdullah II School for Information Technology (Amman – Jordan).

2005 - 2007   ***Dean Assistant for Development Affairs and Quality Assurance,*** University of Jordan, King Abdullah II School for Information Technology (Amman – Jordan).

2000 - 2004   ***Ph.D. Research***, Cardiff University, School of Engineering, Systems Engineering Division (Wales, UK). ***Thesis title:*** Intelligent Hypermedia-Based Performance Support Systems for the Web.

1994 - 2000   ***Head of Information Technology and Development Section***, Jordan Ministry of Tourism & Antiquities MoTA (Amman, Jordan). **Project manager:** (i) *Jordan Tourist Info*, multilingual multimedia tourism promotional information system. (ii) *Tourism Data Network*, a tourism statistics network. I fully participated in the specification, procurement, operation and maintenance of both USAID-funded projects. The direct cost of these projects was approx. $800,000.

1993 - 1994   ***Systems Analyst***, United Technologies Company, IBM Business Partner (Amman, Jordan). ***Main Duties:*** developing financial applications and others using multiple platforms.

EDUCATION

2000 – 2004   ***PhD. in Intelligent Information Systems,*** Cardiff University, School of Engineering, Systems Engineering Division (Wales, UK). Thesis submitted in December 2004 titled "Intelligent Hypermedia-Based Performance Support Systems for the Web".

1991 - 1992   ***M.Sc. in Information Systems Technologies (IST),*** University of Wales College of Cardiff UWCC (Wales, UK). Thesis submitted in October 1992 titled "Quantifying the Learning Curves of an Automatic Inspection System".

1988 - 1991	***B.Sc. in Computer Science***, University of Wales College of Cardiff UWCC (Wales, UK.).
1986 - 1988	***General Certificate of Education G.C.E.,*** Barry College of Further Education (Wales, UK.).
1986	***General Secondary Certificate (Tawjihi Science),*** Islamic Scientific College (Amman – Jordan).

TEACHING

2005 – Present	*PhD (Computer Science)*: **Spatial Databases, Digital Media.** *MSc. (Computer Information Systems)*: **Multimedia, GIS.** *BSc.(Computer Information Systems)*: **Multimedia, GIS, Visual Programming, Web Application Development, E-Publishing, and Computer Skills I and II.** *High Diploma*: **E-Publishing.**
2001 - 2005	***ICT Instructor***, College Glan Hafren (Cardiff, UK).

PUBLICATIONS

- ***Huneiti, A. and Adwan O.,*** Extracting Interesting Regions and Trips from Taxi Trajectory Data, *Modern Applied Science*, Jan. **2019**, Vol.13 No. 2, pp. 258-264, doi:10.5539/mas.v13n2p258.

- ***O. AbuAlghanam, M. Qatawneh, H. A. al Ofeishat, O. Adwan, A. Huneiti,*** A New Parallel Matrix Multiplication Algorithm on Tree-Hypercube Network using IMAN1 Supercomputer, *(IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 8, No. 12, **2017**.*

- ***S Dahbour,F Jamali, D Alhattab, A Al-Radaideh, O Ababneh,N Al-Ryalat, M Al-Bdour, B Hourani, M Msallam, M Rasheed, A Huneiti, Y Bahou, E Tarawneh, A Awidi,*** Mesenchymal stem cells and conditioned media in the treatment of multiple sclerosis patients: Clinical, ophthalmological and radiological assessments of safety and efficacy, CNS Neuroscience & Therapeutics, Nov. **2017**, Vol(23) Issue(11), pp. 866–874.

- ***A. Hudaib, A. M. Huneiti, I. Othman***, Software Reusability Classification and Predication Using Self-Organizing Map (SOM). Communications and Network, August **2016**, Vol(8) Issue(3), pp. 179-192.

- ***A. Zaid, J. Alqatawna, A. M. Huneiti,*** *A Proposed Model for Malicious Spam Detection In Email Systems of Educational Institutes.* Cybersecurity and Cyberforensics Conference - Jordan. Aug. 2-4, **2016**.

- ***Huneiti, A.*** and ***Daoud, M.*** Content-Based Image Retrieval Using SOM and DWT. Journal of Software Engineering and Applications, Vol.**8** No.**2**, **2015**, pp. 51-61. doi: 10.4236/jsea.2015.82007.

- ***O. Adwan, A. M. Huneiti, M.B. Al- Zoubi, A. Hudaib, T. Hamtini*** - Simple Image Watermarking Method using Wavelet Transform. Australian Journal of Basic and Applied Sciences, 8(17) November **2014**, pp. 98-101.

- ***O. Adwan, A. Sleit, M. Qatawneh, A. M. Huneiti, T. Khalil*** - Implementing a Total Healthcare Enterprise Resource Planning System. Information Journal, Tokyo, Vol. 16, No. 6(B), pp. 3997-4003, June **2013**.

- *O Adwan, A.M. Huneiti, et al.* - Utilizing an Enhanced Cellular Automata Model for Data Mining. International Review on Computers and Software (I.RE.CO.S.). Vol. 8, No. 2, pp. 435-442, February **2013**.

- *A. M. Huneiti, R. Al-Sayyed, R. Al-Khalid, D. Khalil, H. Mousa* - E-Guide for University Students. The Journal of American Science, Vol. 8, No. 10, pp. 574-581. **2012.**

- *A. M. Huneiti* - Interpreting Web Usage Patterns Generated Using a Hybrid SOM-Based Clustering Technique. International Review on Computers and Software (I.RE.CO.S.). Vol. 7(A), Issue 3, pp. 1078-1088, May **2012**. DOI. 10.13140/2.1.3359.5688.

- *A. M. Huneiti* - Data Models for Retrieving Task-Specific and Technicians-Adaptive Hypermedia. WSEAS Transactions on Computers. Issue 9, Volume 7, **,** pp.1495-1504, Sept, **2008**.

- *M. B. Al- Zoubi, I. Salah, A. Sleit, S. Al-Sharaeh, A. M. Huneiti and N. Obeed* - Efficient Method for Assigning Students to Proper Groups. European Journal of Scientific Research, vol 21, No 2, pp.249-258, **2008**.

- *A. M. Huneiti* – Adaptive Performance Support for Fault Diagnosis. Proceedings of the 12th WSEAS International Conference on Computers. Heraklion, Greece, July 23-25 **2008**, pp. 475-481.

- *M. B. Al- Zoubi, A. Hudaib, A. M. Huneiti, and B. Hammo* – New Efficient Strategy to Accelerate K-Means Clustering Algorithm. American Journal of Applied Sciences 5 (9): 1247-1250, **2008**.

- *B. Hammo, A. Hudaib, Huneiti A. M., and M. B. Al-Zoubi* - Preparing Jordanian Teachers to Face the Challenges in Applying Information and Communication Technology in Education. MIT Learning International Networks Consortium LINC 2007 Conference. Amman – Jordan 27 – 31 October **2007**.

- **R. M. Setchi, N. Lagos, and A. M. Huneiti** – *Semantic Modelling of Product Manuals. KES2007 11th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, Vietri sul Mare, Italy 12-14 September 2007. Also published as a book chapter in Springer's Lecture Notes in Computer Science, 2007, Volume 4693, Knowledge-Based Intelligent Information and Engineering Systems, Pages 1162-1169*

- *A. M. Huneiti, and W. A. Al Mobaideen* - Advanced Performance Support Systems – Conceptual Overview. 4rth International Conference: Sciences of Electronic, Technologies of Information and Telecommunications SETIT 2007. March 25-29, **2007** – TUNISIA

- *R. M. Setchi, A. M. Huneiti, and C. Pasantonopulos* - The evolution of intelligent product support. Proceedings of the 5th CIRP International Seminar on Intelligent Computation in Manufacturing Engineering CIRP ICME 06. 25-28 July **2006** Ischia-Italy.

- *D. T. Pham, and A. M. Huneiti* - Hypermedia-based adaptive expert system for advanced performance support. Proceedings of the Virtual International Conference on Intelligent Production Machines and Systems IPROMS 2005. July 4 - July 15, **2005**.

- *D. T. Pham, S. S. Dimov, R. M. Setchi, B. Peat, A. J. Soroka, E. B. Brousseau, A. M. Huneiti, N. Lagos, A. E. Noyvirt, C. Pasantonopoulos, D. K. Tsaneva, and Q. Tang* – Product Lifecycle Management for Performance Support. Journal of Computing and Information Science in Engineering, Vol. (4), December **2004**.

- *D. T. Pham, S. S. Dimov, and A. M. Huneiti* - Semantic Data Model For Product Support Systems. Proceedings of the IEEE International Conference on Industrial Informatics INDIN 2003**,** August 21-24, **2003**, Banff, Alberta, Canada.
- *A. M. Huneiti* - Jordan's Experience in Developing Multilingual Multimedia Tourism Information System. Proceedings of the Regional Symposium on the Arab World and the Information Society, May 4-8, **1997**, Tunisia.
- *M. M. Naim, J. P. Chan and A. M. Huneiti* - Quantifying the Learning Curve of a Vision Inspection System. Proceedings of the 4th International Conference on Factory 2000 - Advanced Factory Automation. York, U.K.: IEE. **1994**, pp. 509-16

M.Sc. Research Supervision :

Thesis Title	Date
Real Time Optimal Route Allocation using Web Services	Nov. 2017
FEATURE SELECTION AND CLASSIFICATION OF PHISHING WEBSITES	Dec. 2016
MALICIOUS SPAM DETECTION IN EMAIL SYSTEMS OF EDUCATIONAL INSTITUTES	Nov. 2016
Amman Traffic Accidents Spatial Data Analysis Using Geographic Information System Techniques	Nov. 2016
A Hybrid Approach for Intrusion Detection using Artificial Neural Network	May 2016
Software Reusability Classification and Prediction using Self Organized Map (SOM)	Aug. 2015
Discrete Cosine Transformation for Image Compression using Different Dimensions: A Comparative Study	July 2015
Testing different distance functions for clustering trajectories	August 2014
ARM SEMG SIGNALS PATTERN RECOGNITION FOR REAL TIME COMPUTER CONTROL USING NEURAL NETWORKS	August 2014
A VECTOR QUANTIZATION BASED IMAGE COMPRESSION TECHNIQUE USING SELF ORGANIZING MAP	May 2014
Dynamic Color Look up Table Generation Using Kohonen Self Organizing Map(SOM)	July 2013
Usage Pattern Discovery and Link Recommendation in Web-Based Educational Hypermedia	March 2011
Analysis of Vehicle Accidents in Amman City using Spatial Data Mining And Visualisation	Nov 2010
Building Implicit Hypermedia User Model to Capture Users' Interest	August 2010
INCORPORATING EXPERIMENTAL CONDITIONS' KNOWLEDGE INTO THE PROCESS OF ESTIMATING MISSING VALUES IN DNA MICROARRAY GENE EXPRESSION LEVELS	August 2009
Jordan University Web Site Usage Data Mining using Statistical and Clustering Techniques	May 2009
Recognizing Usage Patterns from Jordan University Website using Self Organizing Map	April 2009
Section Allocation Optimization for Computer Skills-2 Students using Data Mining Techniques	April 2009
Evolving Design of Hypermedia Systems through Analyzing User Navigation Paths	August 2007

INTERNATIONAL EVENTS & MEMBERSHIPS :

2007- Present	Member of different accreditation and quality assurance committees for the Jordanian Ministry of Higher Education (MoHE).
2005- Present	Member of most committees at King Abdullah II School for Information Technology – University of Jordan.
2012- 2015	Member of the higher committee for E-Learning at the University of Jordan.
2012- 2015	Member of the higher committee for UJ web site at the University of Jordan.
1998	6th Meeting of the Tourism Satellite Account Steering Committee. World Tourism Organization WTO (Madrid, Spain).
1997	Tourism Statistics & Economic Impact Measurement Seminar (Cairo, Egypt).
1997	Full Member - Regional Arab Information Technology Network (RAITNET).
1995 to 2000	Represented Jordan in various major international tourism fairs and conferences.

LANGUAGES :

Excellent in Arabic and English.

REFERENCES

H.E. Hala Lattof	Ex-Jordanian Minister of Social Development, Ministry of Social Development, Amman – Jordan, **Tel : +962 (6) 5930359** **E-mail:** halabsaisu@gmail.com
Prof. M. Qatawneh	Ex-Faculty Dean, King Abdullah II School of Information Technology, University of Jordan, Amman - Jordan. **Tel : +962 (6) 5355000 x 22551** **E-mail:** mohd.qat@ju.edu.jo