

CURRICULUM VITAE

NAME: EVON M. O. ABU-TAIEH (Associate Professor)

MOBILE # 962-777-666706

LANGUAGES: ENGLISH (Fluent)

ARABIC (Mother Tongue)



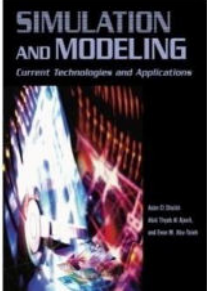
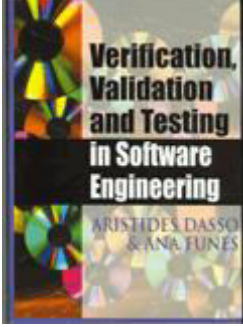



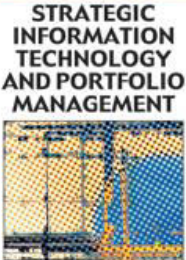


EMAIL:abutaieh@gmail.com

Appointments

<i>Professional Memberships</i>	IEEE Member IEEE Standards Association Individual Member IEEE Women in Engineering Member IEEE Computer Society Member
3/2010	General Chair AITEM2010 Aviation & IT Conference, New Orleans, USA
3/2010	<i>Reviewer: The 3rd International Multi-Conference on Engineering and Technological Innovation: IMETI 2010 June 29th - July 2nd, 2010 – Orlando, Florida, USA</i>
6/2009	<i>Editor-in-Chief: International Journal of Aviation Technology, Engineering and Management (IJATEM), An Official Publication of the Information Resources Management Association New in 2011</i>
2011	Editor/author of : Technology Engineering and Management in Aviation: Advancements and Discoveries
3/2009	Editor/author of Book: Utilizing Information Technology Systems Across Disciplines: Advancements in the Application of Computer Science. IGI, USA
6/2008	<i>Member of the Program Committee for 10th IBIMA Conference, Kuala Lumpur, Malaysia 30 June – 2 July 2008 www.ibima.org</i>
2/2008-2/2009	Editor/author Handbook of Research on Discrete Event Simulation Environments: Technologies and Applications , IGI, USA.
9/2008	Guest Editor, Journal of Information Technology Research (JITR) ISSN (Online): 1938-7865- ISSN (Print): 1938-7857 Journal URL: http://www.igi-global.com/journals/JITR/ Theme: <i>Interdisciplinary Information Technology Systems – Pinpoint</i>
2/2008-2/2010	Editorial Board Member in International Journal of E-Services and Mobile Applications (IJESMA) .
1/2008-12/2009	Editorial Board Member in <i>International Journal of Information Technology Project Management (IJITPM)</i> .

1/2008-12/2009	Editorial Board Member in <i>International Journal of Information Systems and Social Change (IJISSC)</i> .
2009	Editorial Board Member in <i>International Journal of Applied Logistics (IJAL)</i>
8/2007	Editor/author of Book: Simulation and Modeling: Current Technologies and Applications . IGI, USA.
5/2006	Track Chair - GIS IRMA 2006 USA
5/2005	Track Co-Chair IRMA 2005 San Diego, California, USA
5/2004	Committee Member IRMA 2004 - New Orleans, Louisiana,- USA
7/2004	Reviewer CITSA 2004 The 10th International Conference on Information Systems Analysis and Synthesis: ISAS 2004 and International Conference on Cybernetics and Information Technologies, Systems and Applications: CITSA 2004 July 21-25 Orlando, Florida, USA
7/2004	Reviewer WMSCI 2004 The 9th world Multi-Conference on Systemics, Cybernetics and informatics July 10-13 Orlando, Florida, USA
2008	Program Committee/ Reviewer International Business Information Management Association (IBIMA) 10th Conference Kuala Lumpur, Malaysia, June-30-2008 http://www.ibima.org/Malaysia2008/committee.html ISBN:0-9753393-9-7
2009	Program Committee/ Reviewer International Business Information Management Association (IBIMA)11th IBIMA Conference in Cairo, Egypt 4 - 6 January 2009
2011-May	PhD Defense Committee Member <i>A Suggested Model to Enhance Effectiveness of Software Projects Using the Integration of Agile Methodologies And Model Driven Architecture, Supervised By: Prof. Asim El-Sheikh, PhD Candidate: Ahmed Omran</i>
2013	<i>The 1st International Conference & Exhibition on the Applications of Information Technology in Developing Renewable Energy Processes & Systems (IT-DREPS 2013). Petra University, Amman, Jordan.</i>

- 2013* **Scientific Committee**
ICAIS 2013 (2013 - International Symposium on Control, Automation, Industrial Informatics and Smart Grid, August 24-25, 2013, Mysore, India.
-
- 2014* **Editorial Advisory Board**
Smart Manufacturing Innovation and Transformation: Interconnection and Intelligence, IGI, 2014.

 <p>JOURNAL OF INFORMATION TECHNOLOGY RESEARCH</p>	 <p>Information Science and Technology</p>	 <p>SIMULATION AND MODELING Current Technologies and Applications</p>
 <p>Verification, Validation and Testing in Software Engineering</p> <p>ARISTIDES DASSO & ANA FUNES</p>	 <p>Computer Simulation Using Excel without Programming</p> <p>Enna M. G. Abu Tahir</p>	<p><i>Utilizing Information Technology Systems Across Disciplines: Advancements in the Application of Computer</i></p> <p>PREMIER REFERENCE SOURCE</p>  <p>Utilizing Information Technology Systems Across Disciplines</p> <p>Advancements in the Application of Computer Science</p> <p>Science</p>
 <p>Technology Project Management, Planning, and Operations</p> <p>Handbook of Technology Project Management, Planning, and Operation, Editor : Terry T. Kidd</p>	<p><i>Handbook of Research on Discrete Event Simulation Environments: Technologies and Applications</i></p> <p>HANDBOOK OF RESEARCH ON DISCRETE EVENT SIMULATION ENVIRONMENTS</p> <p>Technologies and Applications</p>  <p>Enna M. G. Abu Tahir & Adam Faisal Rahman (Eds)</p>	<p>Handbook on Strategic Information Technology and Portfolio Management, Edited by Albert Tan and PetrosTheodorou</p> <p>PREMIER REFERENCE SOURCE</p>  <p>STRATEGIC INFORMATION TECHNOLOGY AND PORTFOLIO MANAGEMENT</p> <p>Albert Tan, Petros Theodorou</p>
 <p>INTERNATIONAL JOURNAL OF Aviation Technology, Engineering and Management</p> <p>IGI PUBLISHING</p>	<p><i>Technology Engineering and Management in Aviation: Advancements and Discoveries</i></p> <p>PREMIER REFERENCE SOURCE</p>  <p>Technology Engineering and Management in Aviation</p> <p>Advancements and Discoveries</p> <p>Enna Abu Tahir, Enna G. Shalabi & Mustafa Ismail</p>	

Publications

5/1994

A genetic factoring algorithm for RSA' sN= P* Q and performance comparison to factorization algorithm of Fermat, Pollard's p, and Eratosthenes's Sieve...

E Abu-Taieh - 1994 - Pacific Lutheran University

5/2003

Enhanced Back-propagation method – Artificial Intelligence
IRMA 2003

Philadelphia, USA

Information technology and organizations: trends, issues, challenges and solutions: 2003 Information Resources Management Association International Conference, Philadelphia, Pennsylvania, USA, May 18-21, 2003 / Mehdi Khosrow-Pour.

Library of Congress Online

Catalog:<http://lccn.loc.gov/2004351842>

7/2003

A new Factoring Algorithm – Security and ciphering systems, Security and Management, pp. 341-347, CSREA Press, 2003.

SAM 03 – Intel corporation supervision

- Las Vegas- USA

http://www.informatik.uni-trier.de/~ley/db/indices/a-tree/a/Abu=Taieh:Evon_M=.html

5/2004

Computer Reservations System Auditing Headache of the Airline Industry – computerized Auditing and Accounting

IRMA 2004

New Orleans- USA

<http://lccn.loc.gov/2006275701>

5/2004

Computer Simulation with Enhanced Three-Phase Modeling using the Activity Cycle Diagram- Simulation & Modeling.

IRMA 2004

New Orleans- USA

<http://lccn.loc.gov/2006275701>

5/2005

GIS Systems in Jordan: A Case Study of Public Transport Authority

IRMA 2005

New Orleans- USA

<http://lccn.loc.gov/2006275701>

2006

Information Systems in Developing Countries – reasons of failure

Case study

IRMA 2006

Washington DC- USA

DOI No: 10.1142/9789812701527_0044

Source: KNOWLEDGE MANAGEMENT: NURTURING CULTURE, INNOVATION AND TECHNOLOGY (pp 505-510)

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Proceedings of the 2005 International Conference on Knowledge Management

North Carolina, USA, 27 - 28 October 2005

<http://lccn.loc.gov/2006273681>

6/2006

A New Deterministic RSA-Factoring Algorithm,

Jordan Journal of Applied Science, Vol. 8, No. 1, 2006,

Amman, Jordan

British Library

Direct<http://direct.bl.uk/bld/PlaceOrder.do?UIN=182960480&ETOC=RN&from=searchengine>

7/2007

COMMERCIAL SIMULATION PACKAGES: A

COMPARATIVE STUDY. I.J. of SIMULATION Vol. 8 No 2.

ISSN 1473-804x online, 1473-8031 print

6/2005

Computer Simulation Using Excel without Programming

Institution: The Arab Academy for Banking and Financial Science (Amman, Jordan)

Advisor: Asim El-Sheikh

Degree: Ph.D. in Computer Information Systems

Year: 2005

Book Information: 216 pages

Publisher: universal-publishers , Dissertation.com

ISBN-10: 1581123949, ISBN-13: 9781581123944

[http://www.universal-](http://www.universal-publishers.com/book.php?method=ISBN&book=1581123949)

[publishers.com/book.php?method=ISBN&book=1581123949](http://www.universal-publishers.com/book.php?method=ISBN&book=1581123949)

Book: Verification, Validation and Testing in Software Engineering

6/2006

Chapter: DISCRETE EVENT SIMULATION PROCESS

validation verification and testing

The ISBN numbers are as follows:

Hard cover: 1-59140-851-2

Soft cover: 1-59140-852-0

E-book: 1-59140-853-9

Publisher: Idea Group Inc. Hershey PA , USA

Editors: **Aristides Dasso, Ana Funes**

pp. : 154-184

<http://www.udgvirtual.udg.mx/biblioteca/bitstream/123456789/1648>

[/2/1591408539_verification.swf](http://www.udgvirtual.udg.mx/biblioteca/bitstream/123456789/1648/2/1591408539_verification.swf)

8/2007	<p>Book: Simulation and Modeling: Current Technologies and Applications Chapter : Relay Race Methodology (RRM): an enhanced life cycle for simulation system development ISBN-10: 1599041987, ISBN-13: 9781599041988 Library of Congress Online Catalog: http://lccn.loc.gov/2007007288</p>
08/2007	<p>Book: Simulation and Modeling: Current Technologies and Applications Chapter Methodologies and Approaches in Discrete Event Simulation. ISBN-10: 1599041987 ISBN-13: 9781599041988 Library of Congress Online Catalog: http://lccn.loc.gov/2007007288</p>
10/2008	<p>History of Simulation, <i>Encyclopedia of Information Science and Technology</i>, Second ed. Mehdi Khosrow-Pour, Information Resources Management Association, , USA Library of Congress Online Catalog: http://lccn.loc.gov/2008029068</p>
10/2008	<p>A Road Map for the Validation Verification and Testing of Discrete Event Simulation, <i>Encyclopedia of Information Science and Technology</i>, Second ed. Mehdi Khosrow-Pour, Information Resources Management Association, , USA Library of Congress Online Catalog: http://lccn.loc.gov/2008029068</p>
2009	<p>Distinguished Contributing Authors, <i>Lexicon of Online and Distance Education</i>, Editor: Lawrence A. Tomei, 2009</p>
2009	<p>Chapter: Challenges in implementing information technology plan, <i>In Book: Handbook on Strategic Information Technology and Portfolio Management</i>, Edited by Albert Tan and PetrosTheodorou 9781599046877 (hardcover), 9781599046891 (ebook) Library of Congress Online Catalog: http://lccn.loc.gov/2008033947</p>
2009	<p>Chapter: IT Project System development Life cycle a comparative study, <i>In Book: Handbook of Technology Project Management, Planning, and Operation</i>, Editor : Terry T. Kidd ISBN(13):978-1-60566-400-2, ISBN(h/c):1-60566-400-6 http://lccn.loc.gov/2008047728</p>
2009	<p>Economic Analysis of Airline Tickets And The Role of IT in affecting The Aviation Industry, <i>Journal of Information Technology Research</i>, 2(1), 1-18, January-March 2009,pp. 38-51 ISSN: 1938-7857, EISSN: 1938-7865</p>
2008	<p>Discovering Knowledge Channels in Learning Organization, Case study of Jordan, <i>Book: Utilizing Information Technology Systems Across Disciplines: Advancements in the Application of Computer Science</i>, IGI http://lccn.loc.gov/2008052437</p>
Pending	<p>Chapter: E3p-Sim, <i>Handbook of Research on Discrete Event Simulation Environments: Technologies and Applications</i>, IGI, USA.</p>
2009	<p>Guest Editorial Preface: Interdisciplinary Information Technology Systems – Pinpoint <i>Journal of Information Technology Research</i>, 2(1), 1-18, January-March 2009,pp. i-iii http://lccn.loc.gov/2007215234 ISSN: 1938-7857</p>

2009	<p>Chapter: Information technology and aviation industry: Marriage of convenience, Book: <i>Utilizing Information Technology Systems Across Disciplines: Advancements in the Application of Computer Science</i> http://lccn.loc.gov/2008052437 ISBN: 9781605666167 (hardcover : alk. paper) ISBN: 9781605666174 (ebook : alk. paper)</p>
2009	<p>Project management practices & Project Manager Traits as a key to the successful Information systems implementation, 12th IBIMA Conferencen Creating Global Economies through Innovation and Knowledge Management</p>
2009	<p>Chapter: Simulation Environments as Vocational and Training Tools, Book: <i>Handbook of Research on Discrete Event Simulation Environments: Technologies and Applications</i> http://lccn.loc.gov/2009019592 DOI: 10.4018/978-1-60566-774-4 ISBN13: 9781605667744 ISBN10: 1605667749 EISBN13: 9781605667751</p>
2011-7	<p>Book: Abu-Taieh, E., El Sheikh, A., &Jafari, M. (2012). <i>Technology Engineering and Management in Aviation: Advancements and Discoveries</i> (pp. 1-361). Hershey, PA: IGI Global. doi:10.4018/978-1-60960-887-3 Library of Congress Online Catalog: http://lccn.loc.gov/2011005920. ACM Digital Library: http://dl.acm.org/citation.cfm?id=2073528&coll=DL&dl=GUIDE&CFID=98037333&CFTOKEN=93289351</p>
2012	<p>Evon Abu-Taieh, Minwer El-Maheed, Maha, El-Maheed, Alia Abu-Tayeh, Jeihan Abu Tayeh and Abdullah El-Haj. 2012. <u>Human Modeling in Information Technology Multimedia Using Human Biometrics Found In Golden Ratio, Vitruvian Man And Neufert</u>. 19th IBIMA Conference proceedings on a CD (Classified in the Library of the USA Congress by ISBN:978-0-9821489-8-3). Barcelona, Spain 12-13 Nov. 2012: http://www.ibima.org/spain2012/papers/evon.html</p>
2013	<p>Abu-Taieh, Evon , El-Haj, Abdullah ; Abu-Tayeh, Alia ; El-Sheikh, Asim ; Ghatasheh, Nazeeh. Taxonomy of Image File Formats. Published in:e-Learning "Best Practices in Management, Design and Development of e-Courses: Standards of Excellence and Creativity" , 2013 Fourth International Conference on. Date of Conference: 7-9 May 2013. Page(s): 74 – 81. Conference Location : Manama, Bahrain. Digital Object Identifier : 10.1109/ECONF.2013.62.</p>
2013	<p>Alhaj, A., Aljawarneh, S., Masadeh, S., &Abu-Taieh, E. (2013). A Secure Data Transmission Mechanism for Cloud Outsourced Data. <i>International Journal of Cloud Applications and Computing (IJCAC)</i>, 3(1), 34-43. doi:10.4018/ijcac.2013010104</p>

2014 **Abu-Taieh, Evon M.O.** (2014). *Gender Digital Divide and Social Media (Facebook): Female Using Social Media and the Effect of Literacy Rate and GDP (PPP) and Country Location. INTERNATIONAL JOURNAL OF SOCIAL SCIENCES AND INTERDISCIPLINARY RESEARCH (ISSN ONLINE: 2277-3630).*

2015 ABU-TAIEH, Evon. (2015). An Algorithm for Human Modeling in Information Technology Multimedia Using Human Biometrics Found in Golden Ratio, Vitruvian Man and Neufert. 2015 Fifth International Conference on e-Learning (econf), Manama, Bahrain}, 65–73.
<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7478214&isnumber=7478193>

2016 **Abu-Taieh, Evon M.O.** Social Network Service for Scientists Difficulties Facing E-Publishing over Cloud Computing. *International Journal of Technology Diffusion (IJTD) 7 (3), 11*

Education

9/1992 -
5/1994

Pacific Lutheran University

Washington State, USA

MSC in Computer Science /Ciphering systems & Genetic Algorithms RSA

7/1990 -
8/1990

University Of Cambridge

Cambridge, England

Teaching Certificate in IGCSE

1/1985 -
5/1989

Saint Martin's College

Washington State, USA

B.Sc. in Computer Science Minor in Mathematics

2/2002 –
3/2005

Arab Academy for Banking &Financial Sciences

Amman, Jordan

PhD in Computer Information Systems (simulation)

Work Experience

3/2015	<p>Jordan University-Aqaba Aqaba-Jordan</p> <p>Associate Professor Information System Faculty</p>
9/2014-now	<p>Jordan University-Aqaba Aqaba-Jordan</p> <p>Acting Dean Computer Information System Faculty</p>
9/2012-9/2014	<p>Jordan University-Aqaba Aqaba-Jordan</p> <p>Head of Computer Information System Faculty Head Business Information Technology Faculty</p>
1/2012-Now	<p>Jordan University-Aqaba Aqaba-Jordan</p> <p>Courses taught for bachelor's & Master degree</p> <ul style="list-style-type: none"> Operation Research Expert Systems& AI Decision Support Systems Database Multimedia in Education
9/2010-1/2012	<p>Arab International University Damascus-Syria</p> <p>Courses taught for bachelor's degree</p> <ul style="list-style-type: none"> Discrete Systems Simulation& Modeling Expert Systems Introduction to Algorithms & Programming
9/2010-5/2011	<p>GIS-SDI Consultant & project Manager –World Bank</p>
8/2007 –9/2010	<p>Civil aviation regulatory commission Amman, Jordan</p> <p>Economic commissioner</p>
9/2004 – 8/2007	<p>ArabAcademy for Financial Sciences Amman, Jordan</p> <p>Assistant Professor Courses taught for PhD:</p> <ul style="list-style-type: none"> Advanced topics in simulation Advanced topics in technology change management Advanced topics in Decision Support Systems <p>Courses taught for Masters Level:</p> <ul style="list-style-type: none"> Project management Advanced Database Decision support systems Technology change management Business Data communications Systems analysis and design Software engineering E-business Ciphering algorithms

	<p>Courses taught for bachelor's degree:</p> <ul style="list-style-type: none"> Computer Skills 1 Computer Skills 2 Database System Analysis & Design Simulation Artificial Intelligence Programming Management Information systems Information systems management <p>Courses taught for London School of Economics program:</p> <ul style="list-style-type: none"> Statistics Mathematics 1 Mathematics 2
5/2003 – 9/2004	<p>Ministry Of Transport Amman, Jordan System Analyst & Software Engineer/ Head of IT Department</p> <ul style="list-style-type: none"> ■ <i>Systems and application conversion to oracle 9i, using Oracle Application Server 10g – 500,000\$ project</i> ■ <i>Supervising three sections: Data Bank, programming and Maintenance</i> ■ <i>Establish Archiving System as first step to a computerized work flow program.</i> – <i>Establish computerized personnel system including magnetic cards</i> ■ <i>Developing MOT Web Site.</i> – <i>Gradual Replacement of the old hardware/ software.</i>
1995 – 2003	<p>Ministry Of Transport Amman, Jordan System Analyst & Software Engineer/ Head of Computers section</p> <ul style="list-style-type: none"> ■ <i>Analysis, Design, and Development of the Transportation Data Bank including Air Transport, Maritime Transport, Railway Transport, Road Transport.</i> ■ <i>Analysis, Design, and Development of Personnel system, Payroll system, Accounting System.</i> ■ <i>Programming Tools: Designer2000, Developer2000, Oracle, Unix, Sun Solaris, Windows95, ACCESS, FOXPRO, Client Server Architecture.</i> ■ <i>Receiving and Converting data from many sources (Civil Aviation, Aqaba Port Authority, etc..) in forms like: VAX COBOL, FOXPRO, EXCEL, ACCESS to ORACLE database used for the transportation databank.</i> ■ <i>Supervising the purchase of the computer machines.</i> ■ <i>Producing all computers bid contracts and legal papers and conditions.</i> ■ <i>Producing all Maintenance Contracts with all parties concerned with the Computerization of the Ministry of Transport (Software, Hardware, Operating system)</i>
1998 - 2005	<p>Arab Academy for Financial Sciences Amman, Jordan Part Time Lecturer</p> <ul style="list-style-type: none"> ■ <i>Teaching Artificial Intelligence: prerequisite for Master Level Students</i> ■ <i>Teaching Database: prerequisite for master Level Students</i> ■ <i>Teaching simulation : Bachelors level</i> ■ <i>Teaching and Training for Professionals from the Banking Sector to use accounting & financial Computer Applications.</i> ■ <i>Teaching and training Computer Personnel to use Oracle, UNIX, Designer2000, Developer2000, MS Office, Developing Web Sites.</i>
1996 - 1997	<p>Balqa University Princess Alia College Amman, Jordan Part Time Lecturer</p> <ul style="list-style-type: none"> ■ <i>Teaching Data Base</i>
1999 - 1999	<p>Balqa University</p>

	Salt, Jordan Part Time Lecturer ■ <i>Teaching Computer Skills</i>
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2000 - 2000	Jordan University Amman, Jordan Part Time Lecturer - Teaching Computer Skills
1994 - 1995	Jordan National Shipping Lines Company. Amman, Jordan System Analyst & Software Engineer <ul style="list-style-type: none"> ■ Maintaining and Updating The JNSL Computer Applications (Accounting, Payroll, Auditing, Personnel, Ticketing) ■ Programming Tools:- VAX, VAX VMS, Oracle, Forms30, Reports.
9/1990 - 9/1992	Amman International Baccalaureate School Amman, Jordan Head of Computer Department/Teacher for International Baccalaureate and IGCSE. <ul style="list-style-type: none"> ■ Teaching grades 9-12 computer subject including programming and computerization life cycle. ■ Supervising and writing all bid contracts to purchase computers for the school. ■ Running the computer section to optimum capacity. ■ Supervising students' projects submitted to Cambridge University.
9/1989 - 9/1990	Mutah University Karak , Jordan Teacher Assistant in Computer Department <ul style="list-style-type: none"> ■ Assist Professors in the practical side of classes (programming and helping students) ■ Teaching Computer for university requirements class ■ Supervising and running student-computer labs. ■ Computers used: VAX system, PCs, COBOL, BASIC, PASCAL, PROLOG, C.

Software

Data Base

Oracle 3, Oracle7
Rdbase5000, Dbase III
Access, FoxPro

Programming Languages

Basic
Pascal, Turbo Pascal
Object Oriented programming languages Eiffel, Pascal
C Language
Prolog, Assembly
Genetic algorithms
Java Script (client Side), JAVA JDK
Developer2000 1.6,2.1
Oracle Application Server 10^g

*Packages &
Operating
Systems*

Windows and all it applications
Lotus123, Excel
WordPerfect, WinWord, MacWrite ...etc.
DOS, Win95
VMS
UNIX, Solaris Netra

Network

TCP/IP, BitNet , INTERNET

Hardware

Mainframe

VAX
SUN , SUN Solaris
NeXT

PCs

IBM PCs
Macintosh