

**Prof. Ahmad Abdel-Aziz Sharieh, PhD**  
 Computer Science Department  
 King Abdullah II School for Information Technology  
 The University Of Jordan  
 Amman, Jordan  
 E-Mail: [sharieh@ju.edu.jo](mailto:sharieh@ju.edu.jo)  
 Tel: (962-6) 5355000 Ext.22485  
 Mobile: (962)777421292  
 Fax: (962-6) 5330704

Citizen: Jordanian

Date of Birth: 10/12/1954

### **EDUCATION**

1987-1991	Florida State University, Tallahassee, FL, USA. Ph.D. in Computer and Information Sciences.
1985-1987	The Univ. Of Jordan, Amman, Jordan. Diploma for Teaching and Research Assistant in Higher Education.
1984-1985	Western Kentucky Univ., Bowling Green, KY, USA. MS in Computer Sciences.
1982-1983	The Univ. Of Tennessee, Martin, TN, USA. BS in Computer Science.
1973-1977	The Univ. Of Jordan, Amman, Jordan. BS in Mathematics.

### **PROFESSIONAL EMPLOYMENT**

September 2015- Present September 2013- Sept 2014	<b>FULL PROFESSOR OF COMPUTER SCIENCES AT THE UNIVERSITY OF JORDAN</b>
May 2017 – August 207	<b>ADJUNCT PROF, LEWIS UNIVERSITY, USA</b>
Nov. 2008 – Aug 2013 September 2014- Aug 2015	<b>FULL PROFESSOR OF COMPUTER SCIENCES AT SUR UNIVERSITY COLLEGE</b>
Oct. 2008 – Aug 2013	<b>FULL PROFESSOR OF COMPUTER SCIENCES AT UNIVERSITY OF JORDAN (ON LEAVE)</b>
September 2007- September 2008	<b>ASSOCIATE PROF OF COMPUTER AND INFORMATION SCIENCE AT AMMAN ARAB UNIVERSITY OF GRADUATE STUDIES, JORDAN</b>

August 30, 2004 To August 20, 2007	<b>ASSOCIATE PROFESSOR OF COMPUTER SCIENCES AT THE UNIVERSITY OF JORDAN</b>
September 2003 To September 2004	<b>ASSOCIATE PROF OF COMPUTER AND INFORMATION SCIENCE AT AMMAN ARAB UNIVERSITY OF GRADUATE STUDIES, JORDAN</b>
July 1992 To April 2002	<b>ASSISTANT PROF OF COMPUTER SCIENCES AT UJ.</b>
August 1991 To June 1992	<b>ASSISTANT PROF. OF COMPUTER SCIENCES AT FORT VALLEY COLLEGE, GA, USA.</b>
November 1985 To August 1987	<b>RESEARCH AND TEACHING ASSISTANT AT THE CS. DEPT, UJ. AMMAN, JORDAN.</b>
March 1977 To December 1981	<b>TEACHER OF MATHEMATICS AT HIGH SCHOOL, THE MINISTRY OF EDUC. OF JORDAN, AMMAN.</b>

### **ADMINISTRATION POSITIONS**

1. Oct. 2008 – Sept 2015      Dean (Executive President) of Sur University College, Sur, Sultanate of Oman
2. Aug. 2004 – Aug. 2007      Dean of King Abdullah II School for Information Technology, UJ, Amman, Jordan.
3. May 2005- Aug 2007      Director of Development and Quality Assurance Affairs at The University of Jordan.
4. Sept 2003- Sept 2004      Chairman of CS Dept, Amman Arab University for Graduate Studies, Amman , Jordan
5. Jan 2000- July 2001      Chairman of the Central Tenders Committee / UJ.
6. Aug 2000-Sept 2003      Chairman of the Computer Science Department / King Abdullah II School for Information Technology, UJ, Amman, Jordan.
7. Aug 1999 - July 2001      Coordinator of University Procurement Unit of Higher Education and EUROP Banking Projects, Jordan
8. Aug 1998- Aug 2000      Assistant Dean of The Academic Research Deanship/ UJ.

### **RESEARCH AREAS**

Distributing Systems, Expert Systems, E-Government, E-Learning, Parallel Processing, Pattern Recognition, Software Engineering, Wire/Wireless Communication, Modeling and Simulation, Cloud Computing.

### **SUBJECTS TAUGHT**

**Undergraduate Classes:** Introduction to Computer Science, Software Packages, ADA, BASIC, C, C++, COBOL, FORTRAN, PASCAL, Visual Basic, Windows, MS-Office packages. Algorithms, Data Structure, Automata Theory, Discrete Mathematics, Numerical Analysis, Operation Research, Operating Systems, UNIX, Graphics, Computer Simulation, Research Methods, Pre-Calculus, Project, Graph Theory, Finite Mathematics (Online), Cloud Computing (Online).

**Post-Graduate Classes:** Advanced Operating System, Algorithms, Component Based Programming, Distributed Operating Systems, Modeling and Simulation, Software Engineering, Parallel Processing, Programming Languages.

### **SUPERVISED THESIS (SAMPLES)**

1. Co-Supervisor: A system for Pre-execution Deadlock Detection and Resolution in an Enhanced Relational Database Environment, MS Thesis by Basela Sharif Hasan, The University of Jordan, July 1998.
2. Supervisor: A Model for a Limited Domain of Arabic Speech Recognition Using Artificial Neural Network, MS Thesis by Sufyan Almajali, The University of Jordan, April 1999.
3. Supervisor: Recognition of Handwritten Arabic Character via Neural Networks, M. S. Thesis by Muhammad Al-Shridah, The University of Jordan, January 2000.
4. Supervisor: Identification of Human Face Image From Nose and Eyes, MS Thesis by Mamdouh Al-Saidah, The University of Jordan, April 2001.
5. Supervisor: A Large Vocabulary Speech Recognition Model for Arabic, MS Thesis by Bashir Aldiri, The University of Jordan, May 2002.
6. Supervisor: Fingerprint Image Identification Using Fuzzy Logic and Neural Networks Technology, M.S. Thesis by Ahmad Hussien, UJ, August 2004.
7. Supervisor: Integrating wireless Multimedia Messaging Service with Email, by Haifa Kattan, UJ, Jan 2005.
8. Supervisor: Parallel Data Implementation Solution for the P-Median Problem, M.S. Thesis by Sobih Al-Shekha, UJ, August 2005.
9. Co-Supervisor: تطوير نظام حاسوبي للمساعدة في صناعة القرارات الإدارية لمديري المدارس الابتدائية في الجزائر العاصمة، أطروحة دكتوراة، الجامعة الأردنية، 2006
10. Supervisor: Arabic Speech Recognition Interface for Word-XP Applications, M.S. Thesis by SehamDanoon, UJ, 2006.
11. Supervisor: Investigating Hilbert and LPCT for Biometric based Watermark, MS Thesis by Hefa Zaglan, UJ, 2006.
12. Supervisor: Parallel Implementation of Algorithms Based on Weight Factors for MIS in a Graph, MS Thesis by A. Al-Gweyree, UJ, 2006.
13. Supervisor: Row Column Diagonal Parallel Implementation of Dynamic Programming Algorithm for Sequence Alignment in DNA, UJ, Iman Mustafa, 2006.

14. Supervisor: Leader Election Algorithm in 2D Torus with One Link Failure, MS Thesis by Fahad Al-Shamarey, UJ, 2007.
15. Supervisor: Computational Model for Better Selection of Genetic Loci for Forensic Human Identification, MS Thesis by Read Khalil, UJ, 2007.
16. Supervisor: A Statistical Evaluation Approach of Routing Techniques That Maximize The Lifetime of Wireless Sensor Network, MS Thesis by Rana Elayyan, UJ, 2007.
17. Supervisor: Multi-thread Instance Reduction Algorithms, MS Thesis by Sarah Al-Kuhlani, UJ, 2007.
18. Supervisor: Development and Performance of a Distributed Image Processing Model Running on LAN-Based Systems, Master Thesis, Amman Arab Graduate University for Graduate Studies, by Maysoun Abu-Hammad, Nov. 2008.
19. Co-Supervisor: Software Maintenance Process Model with Featured-based Tool and Reliability, Ph. D. Dissertation by Abdullah Qaisi,, Amman Arab Universities for Graduate Studies, 2008.
20. Supervisor: Computerized Guide System To Support Pilgrims In Performing Rituals, MS Thesis by Abdulaziz Ali Alzubaidi, UJ, May 2009.
21. Supervisor: Ahmad Attiq Al-Ogaibi, Finding Nearest-Neighbor Using Hexagon Cells, UJ, August 2009.
22. Supervisor: Enhance The Performance of Detecting Phishing Website Rate, April 2016.
23. Co-Supervisor: The Relation Between Thieves Fingerprint Minutiae And The Criminal Attributes, Eyman Al Refao, July 2016.
24. Co-Supervisor: Solving Traveling Salesman Problem On Chained-Cubic Tree Using Ant Colony Algorithm, by Khaled Ahmed Al Kofahi, Jan, 2017.
25. Co-Supervisor: A Proposed Heuristic for Independent Tasks Scheduling in Grid Computing Environment, by Eman Abu Duaib, August 2017.

#### **MEMBER OF EXAMINATION COMMITTEE OF THESIS (SAMPLES)**

1. Training Artificial Neural Networking to Pronounce Arabic Text, MS Thesis by Nizar R. Mabroukeh, The University of Jordan, and June 1998.
2. Folding Techniques for Continuous and Non-Continuous in Parallel Processing, MS Thesis by Firas Fraij, Albeit University, 1998.
3. Automatic Tools for Extending Network Computation Capabilities of HLL, MS Thesis by Abdullah Abu Ayash, The University of Jordan, August 1999.
4. Techniques for Handwritten Arabic Numbers, MS Thesis by Amajad A. Hudaib, The University of Jordan, November 1999.
5. Developing New Feature Selection Methods for Discrete and Continuous Class Prediction, MS Thesis by Firas Alian, The University of Jordan, May 5, 2000.
6. Enhancing String Searching Algorithm, MS Thesis by Ebaa N. Fayyumi, The University of Jordan, August 2000.
7. Developing Techniques in Segmentation and boundary Detection in Image Processing, MS Thesis by Hesham Abed, The University of Jordan, April 2001.
8. On Syntax Analysis of Arabic Sentence, MS Thesis by Bashar Abu Sa', The University of Jordan, August 2001.

9. Hiding an Image in Another by Using Steganography, MS Thesis by Abdulrahman Omar Alkhalifa, The University of Jordan, January 2002.
10. Distributed ParLin Implementation on the PowerXplorer, MS Thesis by Ali Baker, Albeit University, 2002.
11. Query Optimizing Algorithm in Distributed Database Environment, MS Thesis by Suha J. Al-Karmi, The University of Jordan, May 2002.
12. A new leader Election Algorithm in Hypercube Networks, Ph. D. Dissertation, Amman Arab Universities for Graduate Studies, by Refai, M, 2007.
13. A Novel Skin Detection Algorithm Using Gaussian Markov Random Fields with Ant Colony System, MS Thesis, by Eman Abu-Hammad, Al-Balqa' Applied University, Nov. 2007.
14. Enhancing the Performance of Classification Algorithms Through Dataset Tuning, Feature Selection and Exception Handling, Ph. D. Dissertation, 2009.
15. More than 30 others

### **COMMITTEES AND PROJECTS (SAMPLES)**

1. 2016- A member of Strategic Plan Committee/The University of Jordan.
2. 2008-2015 Quality Assurance, Curriculum, Research, Recruitment, Appealing, Grievance committees at the level of Department and University.
3. 2002: Developing E-Government (in Jordan): Passport Services Online, Health and Civil Services, Tax Payment.
4. 2002: E-University and E-Services in The University of Jordan.
5. 2000: A member of developing “Internet and Networking” course For global Distance Learning, The University of Jordan, Amman, Jordan.
6. 2000: A member of Editorial Board of DIRASAT Journal, The University of Jordan, representing the King Abdullah II School for Information Technology.
7. 2000-2001: Member of Developing Curriculum Plan for Computer Science ,Computer Information Systems, and Business Information Systems Departments in King Abdullah II School for Information Technology.
8. 1992: A member (or Coordinator) of different committees for The Jordan University and Hospital JU Computing System Projects.
9. 1994- 1999: A member of the Central Tenders Committee at the University of Jordan (for the Computer Facilities and Systems)
10. 1997- 1999: Chairman of the Committee for Developing the Computer Curriculum in the Ministry of Jordan.
11. 1997- 1998: A member of the University of Jordan Council (Representing the Faculty of Science)
12. 1994-1995: A Committee members for Upgrading the Islamic Hospital Information System.
13. 1994-1995: A member of Committee for Directing and Consulting the Computer Science Curriculum at the Ministry of Education in Jordan.
14. 1998- 1999: A member of the Community and Research in the Faculty of Science.

### **DEVLOPED SOFTWARE**

1. 1998- 2001: Information Systems for the Research Deanship at The UJ.
2. 2000-: UJCDL at UJ.
3. 2000-: On-Line Exam at UJ.
4. 2000: Arabic and Jordanian Sign language.
5. Even SEENA: Modeling and Simulation E-learning Content.
6. ODIESIEME: OS Protection E-learning Content.

### **ACADEMEIC PROGRAM INITATION**

1. Member 1995: Master in Computer Sciences At UJ.
2. Member 2000: King Abdullah II School for Information Technology (KASIT), The University of Jordan.
3. Chairman 2000: Computer Science in KASIT, The University of Jordan (UJ).
4. Chairman 2006: Master Degree in Information Systems, The UJ.
5. Chairman 2006: Information and Communication Technology in Education (ICTE) High Diploma, UJ.
6. Chairman 2007: Electronic Government (E-G) Diploma, UJ.
7. Chairman 2007: Proposal for PhD in Computer Science, Jordanains universities and UJ.
8. Chairman 2007: Faculty of Information Technology at Ammran University, Yemen.
9. Chairman 2012: Mechanical and Architecture Engineering at Sur University College in co-operation with staff from The American University in Cairo.
10. Member 2014: MBA at Sur University College, offered by Sunderland University, UK
11. Member 2015: Master in Public Administration at Sur University College by Ain Shamis University, Egypt.

### **QAULITY ASSURANCE CONSULTANCY**

1. Committee member of ABET and Accreditation at the King Abdulah II School for Information Technology; and Chair of the Committee at the CS Dept / KASIT for CS program since 2015.
2. A Reviewer, Oman Academic Accreditation Authority for Quality Audit, since 2011.
3. An External Reviewer, National Authority for Qualifications and Quality Assurance of Education and Training in Bahrain, since 2012.
4. A Member, programs reviewer in Ministry of Higher Education in Oman, since 2012.
5. Member of panels for Information Technology programs and institutional accreditation / The ministry of Higher Education- Jordan and Accreditation Authority in Jordan

### **PRIZES AND AWARDS:**

1. أحمد عبدالعزيز الشرايعة، " تمييز الأحرف العربية المكتوبة بخط اليد و المطبوعة باستخدام شبكات الذكاء الاصطناعي،" جائزة هشام حجاوي للعلوم التطبيقية الدورة الثامنة لعام 2000: قطاع تكنولوجيا المعلومات و الاتصالات، عمان الأردن، كانون الأول 17-2000.

Ahmad Sharieh, "Recognition of Handwritten and Typed Arabic Letters using Neural Networks," Hesham Adeeb Hejawee Prize for Applications Sciences: Communication and Information Technology Sector, The 8<sup>th</sup> Period, Dec. 17<sup>th</sup>, 2000, Amman, Jordan.

2. محمد بلال الزعبي، أحمد الشرايعة و آخرون، الحاسوب والبرمجيات الجاهزة ، الطبعة الرابعة ، دار وائل للنشر، عمان-الأردن، 2000. شهادة تقدير البحث و الكتاب المميز لأفضل الابحاث في الجامعة الأردنية في العام الجامعي 2001/2000، حزيران 2001.

3. Award for: Arabic –Jordanian Sign Language, In UAE iT Educational Challenge, Teacher and Students. Colleges and Universities, Dubai, 2006.
4. Mohamad Okur, Amal Musoad, **Ahmad Sharieh**, Prize for First Rank in Commerce and Business for the Project: " UBEEP Voting System", , Technology Parade 2010, JUST, Irbid-Jordan.
5. ASIA'S BEST B-SCHOOL AWARDS, B-School Leadership Award to Sur University College, 23 July 2010.

## **PUBLICATION**

### **1. Publication in Journals:**

1. Asma Al Sarhan, Riad Jabri, **Ahmad Sharieh**, "Website Phishing Detection Using Dom-Tree Structure and Cant-MinerPB Algorithm," American Journal of Computer Science and Information Engineering, Vol. 4, No. 4, 2017, pp.38-44.
2. **Ahmad Sharieh**, Layla Albdoor, "A Heuristic Approach for Service Allocation in Cloud Computing," *International Journal of Cloud Applications and Computing*, Volume 7, Issue 4, October-December, 2017, pp60-74.
3. Mohammad Y Khanafseh, Ola M Surakhi, **Ahmad Sharieh**, Azzam Suliet, "A Comparison between Chemical Reaction Optimization and Genetic Algorithms for Maximum Flow Problem," *International Journal of Advance Computer Science and Applications (IJACSA)*, Vol. 8, No. 8, 2017, pp7-15.
4. Aryaf Al-Adwan, Basel Mahafzah, and **Ahmad Sharieh**, "Solving Traveling Salesman Problem Using Parallel Repetitive Nearest Neighbor Algorithm on OTSIS-Hypercube and OTIS-Mesh Optoelectronic Architecture," *The Journal of Supercomputing*, Volume 73, 2017, pp 1-36.
5. **Ahmad Sharieh** and Raja Masadeh, "Implementing Fair Resource Synchronizer Algorithm for Distributed Mutual Exclusion in Mobile Computing Environment," *International Journal of Engineering and Advanced Technology (IJEAT)*, Volume-6 Issue-4, April 2017, pp15-20.
6. Shireen Riaty, **Ahmad Sharieh**, Hamed Abdour, and Riad Jabri, "Enhance Detecting Phishing Websites Based on Machine Learning Techniques of Fuzzy Logic with Associative Rules," *KASMER JOURNAL*, Vol. 45, No. 1, 2017, pp 63-75.
7. Reham B, **Ahmad Sharieh**, Azzam Sliet, "Chemical Reaction Optimization for Max Flow Problems," *International Journal of Advanced Computer Science and Applications*, Vol.7, No 8, 2016, pp 189-196.

8. Ala'a Al-Shaikh, Hebtallah Khatib, **Ahmad Sharieh**, Azzam Sleit, "Resource Utilization in Cloud Computing as an Optimization Problem," *International Journal of Advanced Computer Science and Applications*, Vol.7, No 6, 2016, pp 336-342.
9. Noor S. Al-Anbaki, Azzam Sleit, **Ahmad Sharieh**, "Stable Beneficial Group Activity Formation," *International Journal of Advanced Computer Science and Applications*, Vol. 7, No. 6, 2016, pp 363-368.
10. Omayya Murad, Azzam Sliet, **Ahmad Sharieh**, "Improving Friends Matching in Social Networks Using Graph Coloring," *International Journal of Computers and Technology*, Vol. 15, No.8, 2016, pp.7028-7034.
11. Mohammaed Eshtay, Azzam Sliet, **Ahmad Sharieh**, "NMVSA Greedy Solution for Vertex Cover Problem," *International Journal of Advanced Computer Science and Applications*, Vol.7, No.3, 20016, pp.60-64.
12. Ahmad Atiq Al-Ogaibi, **Ahmad Sharieh**, Moh'd Belal, and R. Bremananth, "A Robust Method for Finding Nearest Neighbor using Hexagon Cells," *International Journal of Mathematical, Computational, Physical, Electrical and Computer Engineering*, Vol. 8, No. 1, 2014, pp13-20.
13. Mariam Triq, Wafa Djabat, **Ahmad Sharieh**, "Adaptive Dynamic Resource Synchronization Distribution Mutual Exclusion Algorithm (ADRS)," *Journal of Theoretical and Applied Information Technology*, Vol. 53, No.3, 31 July 2013. Pp. 392-400.
14. R. Bremanath, **Ahmad Sharieh**, "Cryptosystem for Computer Security using Iris Patterns and Hetro Correlators," *International Journal of Advanced Computer Science and Applications (IJACSA)*, Vol. 2, No. 11, 2011, pp. 1-8.
15. **Ahmad Sharieh** and R Bremananth, "A Robust Al-Hawalees Gaming Automation using Minimax and BPNN Decision," *World Academy of Science, Engineering and Technology* 60 2011, pp.1574-1580.
16. Rana Yousef, Mohammad Odeh, David Coward, **Ahmad Sharieh**, "Translating RAD Business Process Models into BPMN Models: A Semi-Formal Approach," *International Journal of Web Applications*, Volume 3 Number 4 December 2011, pp. 187-196.
17. Rafai M. , **Sharieh A.**, Alshammeri F., "Leader Election Algorithm In 2<sup>nd</sup> Torus Networks With The Presence Of Link Failure", *The International Arab Journal of Information Technology (IAJIT)*, Vol. 7, No. 2, 2010.
18. Rana Yousef, Mohammad Odeh, David Coward, **Ahmad Sharieh**, "BPAOntoSOA: A generic framework to derive software service oriented models from business process architectures," August 2009, pp. 50-55. productive\_search ieec by SLR on 2011-02-25 .
19. **Ahmad Sharieh**, Iman Mustafa, Nadim Obied, "Row Column Diagonal using Multithreads for Alignment in DNA," *European Journal of Scientific Research*, Vol. 30, issue 1, 2009, pp. 6-25.
20. Saleh H. Al-Sharaeh, **Ahmad A. Sharieh**, Abdel Latif Abu Dalhoum, Reema Hosny and Fatima Mohammed, "Multi-dimensional Poisson Distribution Heuristic for Maximum Lifetime Routing in Wireless Sensor Network," *World Applied Sciences Journal* 5 (2): 119-1312008, [www.idosi.org/wasj/wasj5\(2\)/1.pdf](http://www.idosi.org/wasj/wasj5(2)/1.pdf)
21. Abdel Latif Abu Dallhoum, Mohammaed Al-Rawi,, **Ahmad Al Sharieh**, Ayman M. Najjar, Maen Najjar, S. Shayreh, "Remotely Controlled Intelligent Vehicle to Handle Public Places Security," *WSEAS TRANSACTION ON SYSTEMS*, Issue 10, Volume 7, Oct. 2008, pp. 1058-1069.
22. **Ahmad Sharieh** and Khair Eddin Sabri, "Parallel Graph Colouring Based on Saturated Degree Ordering," *ABHATH AL-YARMOUK: Basic Sci. and Eng.*, Vol. 17, No. 2, 2008, pp489-502.



23. Raed Khalil, Salem Yasin, Maeweih Hamad, **Ahmad Sharieh**, Ahmed Al-Jaber, "Virtual Reference Values for STR Genetic Loci Assignment in Forensic Arenas: A Jordanian-Based Study," *Jordan Journal of Biological Sciences*, Vol. 1, No. 2, Mar-2008, pp 73-76.
24. **Ahmad Sharieh**, Wagdi Al-Rawagepfeh, Mohammad Mahafzah, Ayman Al Dahamsheh, "An Algorithm for Finding Maximum Independent Set in a Graph," *European Journal of Scientific Research*, Vol. 23, No. 4., 2008, pp 586-596.
25. **Ahmad Sharieh**, Mohammad Qatawneh, Wesam Almobaideen, Azzam Sleit, "Hex-Cell: Modeling, Topological Properties and Routing Algorithm", *European Journal of Scientific Research*, Vol. 23, No. 3, 2008, pp 457-468.
26. **Ahmad Sharieh**, Mariam Itriq, Wafa Djabat, "A Dynamic Resource Synchronizer Mutual Exclusion Algorithm for Wired/Wireless Distributed Systems, *American Journal of Applied Sciences*, Vol. 5, No. 7, , 2008, pp. 829-834.
27. **Ahmad Sharieh**, Ahmad Hussien, 2007, "An Energy-Based Back-Propagation Algorithm for Image Recognition," *DIRASAT: Pure Sciences*, Vol. 34, No. 2, pp. 145-155.
28. B. Al-Diri, **A. Sharieh**, M. Qutiashat, "A Speech Recognition Model Based on Tri-Phones for the Arabic Language", Accepted 2007, *Advanced in Modeling Series B: Signal Processing and Pattern Recognition*.
29. Moh'd Belal Al-zoubi, **Ahmad Sharieh**, Nedal Al-Hanbali, Ali Al-Dah-oud, "A Hybrid Heuristic Algorithm for Solving the P-Median Problem", *Journal of Computer Science*, special issue, 2005, pp. 80-83.
30. Mourtaga, E., Moussa , Aballah, **A. Sharieh**, S. Serhan, 2005 "Quranic Based Speaker-Dependent Recognition Using Triphone/HMM Model" *Advanced in Modeling Series B: Signal Processing and Pattern Recognition*, Vol. 48, No. 5, pp.43-58.
31. Mamdouh A. Al-Saidah, **Ahmad Sharieh**, and Ahmed Aljaber, 2004, "Identification of Human Face Images from using Combined Principal Component Analysis Artificial Neural Networks," *Advances in Modeling Series B: Signal Processing and Pattern Recognition*, Vol. 47, No.3, pp.25-46.
32. Dir, Bashir, **Ahmad Sharieh**, Taghread Hudaib, 2004, "An Arabic Speech Corpus: A Database for Arabic Speech Recognition," *DIRASAT*, Vol. 31, No. 2, pp 208-219.
33. S. Manaseer, F. A. Masooud, **A. A. Sharieh**, 2004, "Testing Loaded Programs Using Fault Injection Technique," *Transaction On Engineering, Computing and Technology*, Vol. 3, No. 1, pp.191-194.
34. Muhammad Al-Shridah and **Ahmad Sharieh**, 2002, "Recognition Process of Handwritten and Typed Arabic letters," *Advances in Modeling, Series B: Signal Processing and Pattern Recognition*, Vol. 45, No. 1, pp1-20.
35. Al-Majali, S., **Sharieh**, A. and Qutaishat, M. 2001, " Arabic Speech Recognition using SOM-LVQ Neural Networks," *Advances in Modeling and Analysis-B: Signal, Informaion, Patterns, Data Acquisition Transmission , Processing, and Classification*, Vol. 44, No., pp1-16.
36. Ahmed Al-Jaber and **Ahmad Sharieh**, 2000, "Algorithms Based on Weighted Factors for Maximum Independent Set", *DIRASAT*, Vol 27, No1., pp 74-90.
37. **Ahmad Sharieh**, 1998, "A Mathematical Model for Non-Uniform Memory Access Machine," *Damascus Journal for Basic Sciences*, Vol. 14, No. 1, pp119-133.
38. **Ahmad Sharieh**, 1997, "Concurrent Computation of Recursive Relations on a Ring Topology," *The Egyptian Computer Journal*, Vol. 25, No.2, pp84-101.
39. **Ahmad Sharieh**, Azzam Al-Dari, and Munib Qutaishat, 1995, " An Expert System for The Production of Normalized Relational Schemes," *Advanced in DATABASE*

and *EXPERT SYSTEMS*, Vol. II, Ed. George E. Lasker, International Institute for Advanced Studies in System Research and Cybernetics.

40. أحمد الشرايعة، 1998، " تطوير نظم معلومات لمراكز الأبحاث العلمية على أساس هندسة البرامج"، مجلة أبحاث الحاسوب، المجلد الثاني ، العدد الأول، ص5-18.
41. أحمد الشرايعة و نزار مبروكة، 1998، "الرابط: نظام حاسوبي خبير لتأسيس و تطوير الشبكات المحلية"، مجلة أبحاث الحاسوب، المجلد الثاني ، العدد الأول، ص5-18.
42. أحمد الشرايعة، 1998، " بيئة التعليم العالي في الأردن و علاقتها باقتناء الحاسوب الشخصي"،المجلة العربية للتعليم التقني، المجلد 15، العدد 1، ص: 9-13.

## II. Publication in Proceeding

43. Methag Kadhum, Mais Qasem, Azzam Sliet, **Ahamd Sharieh**, "Efficient MapReduce Matrix Multiplication with Optimized Mapper Set, in Cybernetics and Mathematics Application in Intelligent Systems, Ch 19, pp186-196, 2017.
44. Alaa AbuSrhan, Azzam Sleit and **Ahmad Sharieh**, "Parameters Estimation of the COCOMO Model Using Hybrid Algorithm of Genetic Algorithm and Cuckoo Search Algorithm," Proceeding of New Trends in Information Technology NTIT-2017, April 25-27, 2017, <http://www.ntit-conf.com> .
45. R. Bremananth and **Ahmad Sharieh**, "Efficient Approach of e-Iris Enrolling and Authentication for FS e-Apps," 4th International Platform on Integrating Arab e-Infrastructure in a Global Environment, e-AGE 2014, December 10-12, 2014, Muscat, Oman.
46. A. M. Sakkthivil, **Ahmad Sharieh**, "Promotion o Research Culture in Sur University: A Case Approach," in *Higher Education in the MENA Region*, Ch 14., pp322-344, IGI Global, 2014.
47. R. Bremananth and **Ahmad Sharieh** "Simulation of Library Security System Using IRIS Scanning," 2102-MESM 13<sup>th</sup> Middle Eastern Simulation Multiconference combined with 3<sup>rd</sup> GAMEON' ARABIA Conference, December 10-12,2012, a publication by EUROSIS-ETI, Ghent, Belgium, pp 41-51.
48. **Ahmad Sharieh**, Sriram B. "Case Study: Point Views analysis of Governance and management in Quality Audit reports Published by Oman QAAA," *The International Arab Conference On Quality Assurance In Higher Education (IACQA)*, Alzarga University, Jordan, May 10-12, 2011, pp1312-1318.
49. **Ahmad Sharieh**, "Information and Communication Technology in Education Certificate," International Conference on New Horizons in Education (INTE2010), Turkish Republic North Cyprus, June 23-25, 2010.
- 50.

رانية سلمان و أحمد الشرايعة، "نتائج علمية للموهوبين عند توفير ظروف مناسبة للبحث و الابتكار المؤتمر العلمي السابع لرعاية الموهوبين و المتفوقين، عمان- الأردن، 28-29 تموز 20

51. Rana Yousef, Mohammad Odeh, David Coward, **Ahmad Sharieh**, "Translating RAD Business Process Models into BPMN," The Second International Conference On The Applications OF Digital Information Web Technologies (ICADIWT 2009), London Metropolitan University, UK, August 4-6, 2009.
52. Rana Yousef, Mohammad Odeh, David Coward, **Ahmad Sharieh**, "BPAOntoSOA: A generic framework to derive software service oriented models from business process architectures," August 2009, Second International Conference on the Applications of Digital Information and Web Technologies (2009), Volume: 2, Issue: 1, Publisher: Ieee, Pages: 50-55.
53. Saleh H. AL-Sharaeh, **Ahmad A Sharieh**, Rana K. AbuElayyan, "Deployment Strategy Effect on Maximizing the Lifetime of Wireless Sensor Networks", ISCA 24th International Conference on Computers and Their Applications (CATA-2009), pp.122-127.
54. **Ahmad Sharieh** and Gialuca Elia, "Toward International Multi-sign Languages," 19<sup>th</sup> International workshop on Database and Expert Systems Applications (DEXA 2008), , Turin, Italy, 1-5 September 2008.
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Mob: 962776525000.