

My Resume

الاسم: محمد البطاح / استاذ مشارك / دكتوراه في علم الحاسوب

Name: Mohammad Al-Batah/Associate Professor/PhD in Computer Science

Last Update: 1 October 2015

Current Address

Full Name : Mohammad Subhi Mohammad Al-Batah
Tel (mobile) : Jordan: 00962-779080107
Email : albatah@jadara.edu.jo
Mail address : Department of Software Engineering,
Faculty of Science and Information Technology,
Jadara University,
P.O. Box 733, Irbid, Jordan



Personal Particulars

Age : 40 years
Nationality : Jordan
Marital Status : Marriage
Date of Birth : 03 May 1976
Gender : Male
Passport No. : I825181

Educational Background

Highest Education
Level : Doctorate's Degree
Major : Computer Science / Neural network and Software Engineering
Name of Institution : University Science Malaysia (USM)
Location : Malaysia
Graduation Date : Mar 2009
Title of Thesis : An Intelligent Classification System for
Aggregate Based on Image Processing and
Neural Network

Level : Master's Degree
Major : Computer Engineering
Name of Institution : Universiti Kebangsaan Malaysia (UKM)
Location : Malaysia
Graduation Date : Jun 2004
Title of Thesis : Performance Analysis and Simulation of IEEE
802.11 Wireless LAN

Level : Bachelor's Degree
Major : Computer Engineering
Location : Jordan
Graduation Date : April 2001

Employment History

- University Name** : Jadara University
Position : **Associate Professor / Software Engineering**
Department : Computer Science and Software Engineering Department
Date Joined : September 2014 **Date left** : Until now
- University Name** : Jadara University
Position : Assistant Professor / Full time
Department : Computer Science and Software Engineering Department
Date Joined : October 2009
- University Name** : University of Jordan
Position : Assistant Professor / Part time
Department : Lecturer at Faculty of Science / for Master's degree
Date Joined : October 2010 **Date left** : April 2011
- University Name** : University Science Malaysia (USM)
Position : Teaching Assistant
Specialization : Teaching at School of Electrical and Electronic Engineering
Date Joined : Dec 2007 **Date left** : January 2009
- University Name** : University Science Malaysia (USM)
Position : Research Officer
Specialization : Development of Automated Intelligent Real-Time System for Aggregate Classification
Date Joined : Nov 2005 **Date left** : Nov 2007
- University Name** : University Science Malaysia (USM)
Position : Research Assistance
Specialization : Development of Early Diagnosis System for Cervical Cancer Based on Neural Networks
Date Joined : Oct 2004 **Date Left** : Oct 2005
- University Name** : Ministry of Education (Jordan)
Position : Teaching Computer science at Secondary Schools
Date Joined : Feb 2002 **Date Left** : July 2002

Career Positions

- Dean of Faculty of Science and Information Technology (October 2015 – Until Now)**
- Head of Software Engineering Department (October 2014 – October 2015).**
- Head of Software Engineering and Computer Network Department (October 2012 – October 2014).**
- 2015/2014** عضو مجلس البحث العلمي والدراسات العليا في جامعة جدارا للعلم الدراسي

Skills

- Programming by C/C++ Language
- MatLab
- AutoCAD
- DHTML, VBScript, PHP and ASP.NET
- Assembly programming (8085, 8086, Z80, PIC Microcontroller)
- Programming for Real Time Classification Systems

Languages

- Arabic Native Language
- English Very Good
- Malaysian Good

Courses able to teach

- C/C++ language
- Artificial Intelligence
- Neural network
- Expert System
- Image Processing
- Multimedia
- Web Engineering
- Computer Architecture
- Computer Networks
- Software Engineering

11. Software Testing
 12. Computer Analysis
 13. Logic Design
 14. Programming PHP
 15. Programming Java
- Some other subjects related to Computer science and Software Engineering

Research Interests:

The current research interests involve Software Engineering (Software Testing), Testing for Medical Diagnosis System, Artificial Intelligence, Real Time Classification System.

Publications

International Journals (Published with Jadara University)

1. Mutasem Sh. Alkhasawneh, UmiKalthum Ngah, Lea Tien Tay, **Mohammad Subhi Al-batah**, NorAshidi Mat Isa (2014) Intelligent Landslide System Based on Discriminant Analysis and Cascade-Forward Back-Propagation Network, Arabian Journal for Science and Engineering, ISSN: 1319-8025, Springer, HEIDELBERG, GERMANY.
ISI Thomson Reuters (Impact Factor= 0.385).
Journal Website: <http://www.springer.com/engineering/journal/13369>.
ISI Thomson Reuters (Link):
<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=1319-8025>
2. Hatim Solayman Migdadi, and **Mohammad Subhi Al-Batah** (2014) Testing Reliability Equivalence Factors of a Series-Parallel Systems in Burr Type X Distribution, British Journal of Mathematics & Computer Science, ISSN: 2231-0851, 4(18): 2618-2629, 2014, SCIENCEDOMAIN international, USA.
Journal Website: <http://www.sciencedomain.org/journal-home.php?id=6>.
3. **Mohammad Subhi Al-batah** (2014) Testing the Probability of Heart Disease Using Classification and Regression Tree Model, Annual Research & Review in Biology, ISSN: 2231-4776, 4(11): 1713-1725, 2014, SCIENCEDOMAIN international, GURGAON, INDIA and USA.
ISI Thomson Reuters.
Journal Website: <http://www.sciencedomain.org/journal-home.php?id=32>.
ISI Thomson Reuters (Link):
<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=2231-4776>
4. **Mohammad Subhi Al-batah**, Nor Ashidi Mat Isa, Mohammad Fadel Klaib, and Mohammed Azmi Al-Betar (2014) Multiple Adaptive Neuro-Fuzzy Inference System with Automatic Features Extraction Algorithm for Cervical Cancer Recognition, Computational and Mathematical Methods in Medicine, ISSN: 1748-670X, Volume 2014, Article ID 181245, 12 pages, Hindawi Publishing Corporation, NEW YORK, USA.
ISI Thomson Reuters (Impact Factor= 0.791).
Journal Website: <http://www.hindawi.com/journals/cmmm/>.
ISI Thomson Reuters (Link):
<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=1748-670X>
5. Mutasem Sh. Alkhasawneh, Umi Kalthum Ngah, Lea Tien Tay, Nor Ashidi Mat Isa, and **Mohammad Subhi Al-Batah** (2014) Modeling and Testing Landslide Hazard Using Decision Tree, Journal of Applied Mathematics, ISSN: 1110-757X, Volume 2014, Article ID 929768, 9 pages, Hindawi Publishing Corporation, NEW YORK, USA.
ISI Thomson Reuters (Impact Factor= 0.834).
Journal Website: <http://www.hindawi.com/journals/jam/>.
ISI Thomson Reuters (Link):
<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=1110-757X>
6. Hatim Solayman Migdadi, and **Mohammad Subhi Al-Batah** (2014) Bayesian Inference Based on the Interval Grouped Data from the Weibull Model with Application, British Journal of Mathematics & Computer Science, ISSN: 2231-0851, 4(9): 1170-1183, 2014, SCIENCEDOMAIN international, USA.
Journal Website: <http://www.sciencedomain.org/journal-home.php?id=6>.
7. Mutasem Sh. Alkhasawneh, Umi Kalthum Ngah, Lea Tien Tay, Nor Ashidi Mat Isa, and **Mohammad Subhi Al-batah** (2013) Determination of Important Topographic Factors for Landslide Mapping Analysis Using MLP Network, Scientific World Journal, ISSN: 1537-744X, Volume 2013, Article ID 415023, 12 pages, Hindawi Publishing Corporation, NEW YORK, USA.
ISI Thomson Reuters (Impact Factor= 1.730),
Journal Website: <http://www.hindawi.com/journals/tswj/>.
ISI Thomson Reuters (Link):

<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=1537-744X>

8. Anas Quteishat, **Mohammad al-batah**, Anwar al-mofleh, Sharhabeel H. Alnabelsi (2013) Cervical Cancer Diagnostic System Using Adaptive Fuzzy Moving K-means Algorithm and Fuzzy MIN-MAX Neural Network, Journal of Theoretical and Applied Information Technology, ISSN: 1992-8645, 57(1):48-53, 2013, Little Lion Scientific Islamabad Pakistan, Pakistan and USA.
Indexed in Ulrich's Periodicals Directory, DataBase systems and Logic Programming (DBLP), EBSCO Publishing USA, Directory of Open Access Journals (DOAJ), Google & Google Scholar Journals, The Index of Information Systems Journals, Information Technology Resources Collection, ZDNet Australia, NLM Catalog (Medi-Infomaitcs), Computing Research and Education Association of Australasia, CiteSeerx, Elsevier SCOPUS, TOC PremierTM, Computer Science Journals, Computers and Applied Sciences Complete, N|W Switzerland, Microsoft Academic Search, SciVerse Hub, J-Gate, INSPEC (The IET)
Journal Website: <http://www.jatit.org/>.
9. Baareh A.K., Sheta A.F., **Mohammad Subhi Al-Batah** (2012) Feature based 3D Object Recognition using Artificial Neural Networks, International Journal of Computer Applications, ISSN: 0975-8887, 44(5):1-7, April 2012. USA.
Indexed with EBSCO, Google Scholar, Informatics, ProQuest CSA Technology Research Database, NASA ADS (Harvard Univ.), CiteSeer, UlrichWeb, ScientificCommons (Univ. of St Gallens), University of Karlsruhe, Germany, PennState University.
Journal Website: <http://www.ijcaonline.org/>.
10. Mat Isa N. A., Sani Z. M., **Mohammad Subhi Al-Batah** (2011) Automated Intelligent real-time system for aggregate classification, International Journal of Mineral Processing, ISSN: 0301-7516, 100(1-2): 41-50, 2001, Science direct, Elsevier, AMSTERDAM, NETHERLANDS.
ISI Thomson Reuters (Impact Factor= 1.378).
Journal Website: <http://www.journals.elsevier.com/international-journal-of-mineral-processing/>.
ISI Thomson Reuters (Link):
<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=0301-7516>
11. **Mohammad Subhi Al-Batah**, Zabian A., Abdel-wahed M. (2011) Suitable Features Selection for the HMLP Network using Circle Segments Method, European Journal of Scientific Research, ISSN 1450-216X, Vol.67 No.1 (2011), pp. 52-65, EUROJOURNALS, LONDON, ENGLAND.
ISI Thomson Reuters (0.736).
Journal Website: <http://www.europeanjournalofscientificresearch.com>.
ISI Thomson Reuters (Link):
<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=1450-216X>
12. Sheta A.F., Baareh A.K., **Mohammad Subhi Al-Batah** (2012) 3D Object Recognition Using Fuzzy Mathematical Modeling of 2D Images, 2012 International Conference on Multimedia Computing and Systems, **Proceedings of IEEE**, ISBN: 978-1-4673-1519-7, Tangier, Morocco.
13. Quteishat A.M., Al-Mofleh A., Al-Mefleh M., **Mohammad Subhi Al-Batah** (2011) Module for online assignment submission, 4th International Conference on Modeling, Simulation and Applied Optimization (ICMSAO), **Proceedings of IEEE**, Digital Object Identifier: 10.1109/ICMSAO.2011.5775475, Kuala Lumpur, Malaysia, Pages: 1-6.

International Journals (Published in PhD)

14. **Al-Batah M. S.**, Mat Isa N. A., Zamli K. Z., Azizli K. A. (2010) Modified Recursive Least Squares algorithm to train the Hybrid Multilayered Perceptron (HMLP) network, Applied Soft Computing, ISSN: 1568-4946, Volume 10, Issues 1, Pages 236-244, Elsevier Science BV, AMSTERDAM, NETHERLANDS.
ISI Thomson Reuters (Impact Factor=2.140).
Journal Website: <http://www.journals.elsevier.com/applied-soft-computing/> .
ISI Thomson Reuters (Link):
<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=1568-4946>
15. **Al-Batah M. S.**, Mat Isa N. A., Zamli K. Z., Sani Z. M., Azizli K. A. (2009), A novel aggregate classification technique using moment invariants and cascaded multilayered perceptron network, International Journal of Mineral Processing, Volume 92, Issues 1-2, Pages 92-102, Elsevier Science BV, AMSTERDAM, NETHERLANDS.
ISI Thomson Reuters (Impact Factor= 1.378).
Journal Website: <http://www.journals.elsevier.com/international-journal-of-mineral-processing/> .
ISI Thomson Reuters (Link):
<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=0301-7516>
16. Mat Isa N. A., **Al-Batah M. S.**, Zamli K. Z., Azizli K. A., Joret A., Mat Noor N. R. (2008) Suitable features selection for the HMLP and MLP networks to identify the shape of aggregate, Construction and Building Materials, ISSN: 0950-0618, Volume 22, Issues 3, Pages 402-410. Elsevier Science LTD, ENGLAND.
ISI Thomson Reuters (Impact Factor= 2.293)
Journal Website: <http://www.journals.elsevier.com/construction-and-building-materials/> .
ISI Thomson Reuters (Link):

<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=0950-0618>

17. Md-Sani Z., Mat-Isa N.A., Suandi S.A., **Al-Batah M.S.**, Zamli K.Z. and Azizli K.A. (2007) Intelligent Rock Vertical Shaft Impact Crusher Local Database System, International Journal of Computer Science and Network Security, ISSN : 1738-7906, Volume 7, Issues 6, Pages 57-62, Indexed in EBSCO HOST, ProQuest, CiteFactor.
Journal Website: <http://ijcsns.org/> .
18. Mat-Isa N.A., Joret A., **Al-Batah M.S.**, Ali A.N., Zamli K.Z. and Azizli K.A. (2006) Microcontroller Based HMLP Realization for Aggregate Classification System, International Journal of Factory Automation, Robotics and Soft Computing, ISSN: 1828-6984, Issue 2, Pages 19-26.
19. Joret A., Abu-Hassan H., Mat-Isa N.A., Ali A.N., Azizli K.A., Zamli K.Z. and **Al-Batah M.S.** (2005) Pilot Study on Classifying the Aggregate Shape with Neural Network, The International Conference on Robotics, Vision, Information and Signal Processing (ROVISP2005), Penang, Malaysia, p. 881-885.
20. Joret A., Mat-Isa N.A., Ali A.N., Zamli K.Z., Azizli K.A. and **Al-Batah M.S.** (2005) Classifying the Shape of Aggregate using Hybrid Multilayered Perceptron Network, 9th WSEAS International Conference on Systems (ICS 2005), Vouliagmeni, Athens, Greece, p. 497-514.
21. Joret A., **Al-Batah M.S.**, Ali A.N., Mat-Isa N.A. and Sulong M.S. (2007) ASHAC: An Intelligent System to Classify the Shape of Aggregate, The 3rd International Colloquium on signal processing and its applications, Melaka, Malaysia, p. 1-4.
22. Joret A., **Al-Batah M.S.**, Ali A.N., Mat-Isa N.A. and Sulong M.S. (2007) Ashac: An Alternative towards classifying the shape of Aggregate, International Conference on Intelligent and Advanced Systems, Kuala Lumpur, Malaysia, p. 239-243.
23. Mat-Isa N.A., Joret A., **Al-Batah M.S.**, Ali A.N., Zamli K.Z. and Azizli K.A. (2006) Microcontroller Based HMLP Realization for Aggregate Classification System, International Society for Advanced Research, Recent advances in Control Systems, Robotics and Automation, Palermo, Italy, p. 44-51.
24. Mat-Isa N.A., **Al-Batah M.S.**, Md-Sani Z., Suandi S.A., Zamli K.Z. and Azizli K.A. (2008) Bronze Medal Award in Invention, Innovation and Industrial Design Technology Exhibition 2008 (I-TEX 2008), Putra World Trade Centre, Kuala Lumpur, Malaysia.

Project Supervisor and Co-Supervisor

1. Education Mobile Application
2. Smart Home using Mobile
3. Smart Shopping using Mobile
4. Retrieval Date from your Android Phone to the E-mail
5. Search of the Lowest Cost for any Item
6. License Services System
7. Voice Recognition System
8. My Tour
9. Electronic Voting System for Jadara University
10. Fitness Application
11. Restaurant Delivery System
12. Running Tracker
13. موقع الكتروني ثقافي وفني
14. نظام ادارة المستودعات والتخزين
15. نظام محاسبة مالية والموارد البشرية
16. موقع الكتروني لدفع فواتير الكهرباء

Attended Courses and Workshops

1. Summer School in Power, Analysis, Timing, Modeling, Design and Optimization at Nano-Scale Technology, Jordan Europe Wide Enhanced research Links in ICT, JEWEL, Jordan University of Science and Technology, 10th to 14th June 2012/ Jordan.
2. Windows 7 Deployment, from 16th to 17th February 2010, at Microsoft/ Jordan.
3. Matlab Workshop for Engineering, 24th February to 10th March 2004, University Kebangsaan Malaysia/ Malaysia.

4. Software Engineering (Software Testing), 2th March to 30th April, University Science Malaysia/ Malaysia.
5. Research Design and Methodology Workshop, 13th to 28th June 2007, University Science Malaysia/ Malaysia.
6. Scientific Writing, 5th to 10th Feb 2005, University of Science Malaysia/ Malaysia.
7. Statistical Analysis, 11th to 20th Feb 2005, University of Science Malaysia, Malaysia/ Malaysia.
8. Occupational Safety and Health Course, 26th to 29th May 2005, University Science Malaysia/ Malaysia.
9. دورة تدريبية خاصة في تحليل المحتوى وبناء الاختبارات، عقدها مركز تطوير أداء أعضاء الهيئة التدريسية في جامعة جدارا من 4/1 الى 2013/4/11م
10. في مجال البحث العلمي "كيفية توزيع وصرف الميزانية على مشاريع البحث العلمي"، ضمن مشروع دعم البحث والتطوير التكنولوجي ومبادرات واستراتيجيات الابتكار، نظمها المجلس الأعلى للعلوم والتكنولوجيا/الأردن.
11. في مجال البحث العلمي "كيفية كتابة مقترحات لمشاريع البحث العلمي"، بدعم من صندوق دعم البحث العلمي، في المجلس الأعلى للعلوم والتكنولوجيا/الأردن.

Referee

1. Dr. belal Zaqibeh, Department of Software Engineering, Faculty of Science and Information Technology, Jadara University, Jordan, Tel:00962-776210955, E-mail: belal@jadara.edu.jo
2. Dr. Fuad Subhi Al-Battah, working at Orthopedic Surgery Department, Royal Rehabilitation Center in King Hussein Medical Center, Tel: 00962777789661, E-mail: fuadbattah@yahoo.com
3. Dr. Anas Qutieshat, Department of Computer Engineering, Faculty of engineering Technology, Al-Balga' Applied University, Jordan, Tel: 00962797036384, E-mail: anas.quteishat@fet.edu.jo
4. Eng. anwar almofleh, Department of Electrical Engineering, Faculty of engineering Technology, Al-Balga' Applied University, Jordan, Tel: 00962779430087, E-mail, anwaralmofleh@yahoo.com
5. Assoc. Prof. Dr. Nor Ashidi Bin Mat Isa, Software Engineering Department, Universiti Sains Malaysia, Penang, Malaysia, Tel: 006-04-5937788 ext. 6051 , E-mail: ashidi@eng.usm.my
6. Assoc. Prof. Dr. Kamal Zuhairi Zamli, Software Engineering Department, Universiti Sains Malaysia, Penang, Malaysia, Tel: 006-04-5937788 ext. 6079 , E-mail: EEKAMAL@ENG.USM.MY
7. Assoc. Prof. Dr. Khairun Azizi Azizli, School of Materials and Mineral Resources Engineering, Engineering Campus, Universiti Sains Malaysia, Penang, Malaysia, Tel: 006-04-5937788 ext. 6100 , E-mail: khairun@eng.usm.my
8. Prof. Dr. Kasmiran jumari, Department of Electrical, Electronic and System Engineering, Faculty of Engineering, Universiti Kebangsaan Malaysia, Bangi, Kuala Lumpur, Malaysia.