


Personal Information

Name	Jamal Zraqou	
Place and date of birth	Amman, 1977	
Nationality	Jordanian	
Current Address	Amman, Jordan	
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Qualifications

Qualification	Specialization	Awarded By	Country	Date
BSc	Computer Science	Isra University	Jordan	1999
MSc	Information System	AABFS	Jordan	2001
PhD	Computer Science	Bradford University	United Kingdom	2011

Specialization and Domain of Interests

Specialization	2D & 3D Image Processing, Information System
Domain of interests	Object Oriented Programming, Image Enhancements, Facial Expressions Detection, Handwriting Recognition, Smart Phone Applications, Knowledge Extraction from Stream of Images, and Information Security.

Title and Abstract of the Doctoral Thesis

My thesis investigates the development of new technologies for processing information contained in multiple and overlapping images of the same scene to produce images of improved quality. This area in general is titled Super Resolution (SR), and offers a technique for reducing artefacts and increasing the spatial resolution. Another challenge is to generate 3D images such as Anaglyphs from un-calibrated pairs of SR images. An automated method to generate SR images is presented without human intervention. The SR technique consists of three stages: image registration, interpolation and filtration. Then a method to produce enhanced, near real-time, 3D solar images from un-calibrated pairs of images is introduced.

Career Experience

Job Title	Place of work	Date
Lecturer	Al Arabia College	2001-2004
Lecturer	Isra University	2004-2008
Manager of Computer Center	Isra University	2005-2008
Head of CMS & CN departments	Isra University	2013-2015
Assistant Professor	Isra University	2011-Now

Administrative Works and Committees

Administrative work and committee	Date
Head of CMS & CN departments at Isra University	2013-2015
Manager of Computer Center at Isra University	2005-2008
Vice Chancellor of Computer Center Council at Isra University	2011-2015

Journal Publications

Pages	Publisher	Date	Authors	Title
120-125	International Journal of Current Engineering and Technology, Vol.7, No. 1	February, 2017	Zraqou, Jamal S., Wissam M. Alkhadour, and Mohammad Z. Siam.	REAL-TIME OBJECTS RECOGNITION APPROACH FOR ASSISTING BLIND PEOPLE
20-26	The Journal of MacroTrends in Technology and Innovation	December, 2016	J. Zraqou, W. Alkhadour, A. Tayyar and S. Masaadeh	A HYBRID METHOD FOR FINDING CORRESPONDENCES FROM UN-CALIBRATED PAIR OF HIGH RESOLUTION IMAGES
95-105	International Journal of Technology and Educational Marketing (IJTEM)	March, 2014	Zraqou, J., Alkhadour, W., & Al-Nu'aimi	ROBUST REAL-TIME FACIAL EXPRESSIONS TRACKING AND RECOGNITION

182-159	International Journal of Computer Science & Information Technology (IJCSIT)	April, 2015	Faris A. Abuhashish, Jamal Zraqou, Wesam Alkhodour, Mohd S. Sunar and Hoshang Kolivandl	EMOTION INTERACTION WITH VIRTUAL REALITY USING HYBRID EMOTION CLASSIFICATION TECHNIQUE TOWARD BRAIN SIGNALS
12 - 18	International Journal of Advanced Computer Science and Applications	June, 2015	Adi A. Maaita, Jamal Zraqou, Fadi Hamad and Hamza A. Al-Sewadi	A GENERIC ADAPTIVE MULTI-GENE-SET GENETIC ALGORITHM (AMGA)
124-132	Theoretical and Applied Information Technology	Oct, 2015	Ahmad Odat, Adi Maaita, Fadi Hamad, Jamal Zraqou	AN EFFICIENT IMAGE PROCESSING AND BROWSING TOOL FOR SOLAR IMAGES
426-421	Theoretical and Applied Information Technology	June, 2015	Jamal Zraqou, Adi Maaita, Wesam Alkhadour, Fadi Hamad	AN EFFICIENT DETECTION SYSTEM FOR A DROWSY DRIVER
1-23	UbiCC	Sept, 2009	Zraqou J., Alkhadour W., Qahwaji R., Ipson S. and Ugail H	ENHANCED 3D PERCEPTION USING SUPER-RESOLUTION AND SATURATION CONTROL TECHNIQUES FOR SOLAR IMAGES.

Conferences

Pages	ISBN	Place	Title	Date	Authors	Title
20-26	1289-5556	Paris	Macrotrends in Technology and Science	19-21 December, 2016	J. Zraqou, W. Alkhadour, A. Tayyar and S. Masaadeh	A Hybrid Method for Finding Correspondences From Un-calibrated Pair of High Resolution Images

26-33	2278-3083	Dubai	International Journal of Science and Applied Information Technology (IJSAIT)	23 – 24 November, 2015	Jamal Zraqou & Shadi Masaadeh	Visualizing and Processing Solar Images Efficiently
15-19	-22783083	Dubai	International Journal of Science and Applied Information Technology (IJSAIT)	23 – 24 November, 2015	Shadi Masaadeh, Jamal Zraqou, and Mohammad Wadi	A novel secure system for E-Learning: Schools in MOE in Jordan Case Study
173-176	978-1-4799-8651-4	Manchester, UK	Intelligence and Security Informatics Conference (EISIC)	7-9 Sept. 2015	Hamad, Fadi; Zraqou, Jamal; Maaita, Adi; Abu Taleb, Anas	A Secure Authentication System for ePassport Detection and Verification
81-85	978-1-941968-04-8	Thessaloniki, Greece	Proceedings of the International Conference on Computer Science, Computer Engineering, and Social Media	December, 2014	J. Zraqou	Online Handwriting Recognition for Maldivian Language.
19-23	978-1-4673-5093-8	Lodz, Poland	The Second International Conference on E-Learning & E-Technologies in Education (ICEEE2013)	December, 2013	J. Zraqou, W. Alkhadour, and A. Al-Nu'aimi	An Efficient Approach for Recognizing and Tracking Spontaneous Facial Expressions
330-333	978-1-4673-5255-0	Lodz, Poland	The Second International Conference on Informatics, Engineering and Information Science (ICIEIS2013)	2013	Abdallah Al-Tahan Al-Nu'aimi, Jamal Zraqou and Wessam Alkhadour	Self-Embedding Watermarking for Digital Images Depending On Edge Energy

31-25	978-1-938302-05-2	Palma De Mallorca, Spain	The 2nd International Conference on Computing and Artificial Intelligence, MIC-CAI	2012	J. Zraqou and A. Al-Nu'aimi	Hiding Degraded Version of Digital Image within Itself to Prove the Legal Ownership
7-12	2227-331X	Palma De Mallorca, Spain	The 2nd International Conference on Computing and Artificial Intelligence MIC- CAI 2012	2012	A. Al-Nu'aimi, A. Alnsour, M.A. Eljinini, W. Alkhadour and J. Zraqou	An Automated Method for Generating an Enhanced Set of Correct Matches from Pairs of Uncalibrated Images
		Presentation in Solar Image Processing Workshop	<i>Developed by Space Weather Research Team in University of Bradford</i>	Sep 2010	T. Colak, R. Qahwaji, J. Zraqou, and S. Ipson	<i>3D Modeling and Solar Image Processing Algorithms</i>
NN		Jordan	International Conference in Information Technology	2009	Alkhadour W., Ipson S., Qahwaji R. Hugh J., and Zraqou J	Creating Colour Anaglyph With Less Ghosting From Stereo Pair Images.

Training courses

Name of course	Date
Microsoft .NET (C#, VB, ASP.NET)	2004
Oracle (SQL, Forms, Graphics, and Reports)	1998

Teaching activities

Taught Courses	Bachelor
Information Systems Analysis and Design	✓
Introduction to Gaming System	✓
Object Oriented Programming	✓
Computer Graphics	✓

Selected Topics (1) (C#.NET)	✓
Web Page Design(1)	✓
Selected Topics (2) (Oracle 10g)	✓
2D Animation	✓
Multimedia Programming	✓
Database(1 and 2)	✓
Operating System	✓
Artificial Intelligence	✓
Graduation Project	✓
Advance Network Administration	✓
Web Programming	✓
Visual Basic Application	✓
Visual Basic(2)	✓
Computer Skills(1)	✓

Published Book(s)

Title	Publisher	Date
The Efficient Processing of Solar Satellite Images	LAMBERT	2012

Memberships

Title	Place	Since
Affiliated member of solar weather group http://spaceweather.inf.brad.ac.uk/team/jamal/	Bradford University, UK	2009
Manager of Research & Enterprise Office http://iu.edu.jo/reo/Staff.html	Isra University, Jordan	2014

Awards

Name of Award	Place of award	Date	Rank
Annual Collegiate Programming Contest	Isra University	1997	1 st Place
Innovation Fair, under the umbrella of European Tempus TEJ project	Petra University	2016	2 nd Place

Referees

Name	University	Email	Mobile
Prof. Walid Salameh	PSUT www.psut.edu.jo	walid@psut.edu.jo	00962777485777
Prof. Ahmad Alkhasawneh	HU www.hu.edu.jo	akhasawneh@yahoo.com	00962797125217
Dr Nidal Turab	AAU www.ammanu.edu.jo	Nedalturab@hotmail.com	00962799104570