Dima Damen

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Research Interests

Event Recognition, Activity Analysis, Automatic Surveillance, Image Analysis Algorithms, Discrete Optimization, Computer Vision, Artificial Intelligence.

Education

Sept 2006 – Now
PhD student in Computer Vision
School of Computing, University of Leeds
Thesis Provisional Title: Global Explanations for Multiple Interleaved Activities
Supervisor: Prof. David Hogg
Expected Submission Date: 1st of October 2009

2002 –2003
MSc in Distributed Multimedia Systems
School of Computing, University of Leeds
Project Title: Visual Signature for Large Scale Tracking (HP Labs, Bristol)
Average: 83% - High Distinction

1998 – 2002
BSc in Computer Science
Computer Science Department, Birzeit University
Project Title: Object Oriented Analysis and Design using UML
Average: 97% - Distinction (highest ever obtained in BZU)

Honours and Awards

Overseas Research Students Award Scholarship (ORSAS), covering the fees and maintenance costs of my PhD studies (2006-2009)

MSc Prize for Best Academic Performance, University of Leeds, 2003

BSc Prize for High Distinction, Birzeit University, 2002

Employment History

Sept 2003 – Sept 2006
Lecturer - Faculty of Information Technology, University of Petra
Amman, Jordan

Sept 2003 – March 2004
Part-time Lecturer - King Abdullah Faculty of Information Technology, Jordan University, Amman, Jordan

Publications

Referred Conference Papers

1. Damen, Dima and Hogg, David (2009). Attribute Multiset Grammars for Global Explanations of Activities. Proc. Of British Machine Vision Conference (BMVC09). Accepted.

2. Damen, Dima and Hogg, David (2009). Recognizing Linked Events: Searching the Space of Feasible Explanations. Proc. of Computer Vision and Pattern Recognition (CVPR09), Florida, US.

3. Damen, Dima and Hogg, David (2008). Detecting Carried Objects in Short Video Sequences. Proc. of European Conference on Computer Vision (ECCV08), Marseille, France.

4. Damen, Dima and Hogg, David (2007). Associating People Dropping off and Picking up Objects. Proc. of British Machine Vision Conference (BMVC07), Warwick, UK.

5. Damen, Dima and Hogg, David (2007). Bicycle Theft Detection. Proc. of International Crime Science Conference (CS2 07), London, UK.

Invited Talks, Tutorials and Videos

1. Detecting Carried Objects from Video Sequences. Video presentation, CVPR June 2009.

2. Linking uncertain events – searching the space of globally feasible explanations, Centre for Machine Perception (CMP), Prague, Czech Republic, Feb 2009.

3. Reversible Jump Markov Chain Monte Carlo – a tutorial, Maths Club, School of Computing, University of Leeds, Dec. 2008.

4. Sequences of Uncertain Events, Department of Electrical and Electronic Engineering, Imperial College, London, May 2008.

5. Constrained scene interpretation, Logics and Probabilities for Scene Interpretation Workshop, Dagstuhl, Germany, Feb 2008.

e-Material

Damen, Dima (2006). e-learning Tutorial in Multimedia Topics (Images and Animation). Avicenna Project, UNESCO, Jordan.

Technologies and Programming Languages

Programming Skills
Sun Certified Java Programmer (2006), J2SE1.6 and J2EE 1.4
Matlab for Image Processing Research (Excellent)
C/C++ Programming Language (Intermediate)
SQL (Excellent)

Other tools
XML, HTML and JavaScript
Oracle – holder of certificate in Oracle SQL and PL/SQL Developer (2000)
UML and CASE tools: Rational Rose, Visio, Together
SQL Server and MS Access
Macromedia Flash MX 2004
3D Max Studio (Basic)

Nationality: Jordanian
Sex: Female