

*Aladdin Ayesh, PhD, CEng, CSci, BCS/CITP, FHEA*  
*Summary CV*

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<b>Education</b>	<u>2000 PhD in Computer Science</u> , Liverpool John Moores University, Liverpool, UK <u>1995 MSc. in Computer Science (AI)</u> , Essex University, Colchester, UK <u>1993 BSc. in Computer Science</u> , Abdul Aziz University; Jeddah, KSA.
<b>Professional Experience</b>	
Posts	<b>2001-present:</b> Senior Lecturer in AI and Robotics, Computer Science Dept., De Montfort University, Leicester. <b>1998-2001:</b> Lecturer in Computer Science, Computer Science Dept., De Montfort University, Milton Keynes. <b>1993-1998:</b> Various industrial contracts.
Management	<b>2005 – Present</b> Coordinator of Intelligent Mobile Robots and Creative Computing Research Group, DMU. <b>2003 -2006</b> Robotics Lab Manager, DMU. During this period I have co-founded the robotics lab and established the robotics subject (BSc and MSc levels).
Honorary post	<b>January 2008</b> invited researcher/speaker at Le Havre Université, Le Havre, France (for a month during which I have given 3 research seminars, participated in PhD supervision meetings and research project proposals for funding)
<b>Publications</b>	Please see my publications list. For up to date list please see my web site.
<b>(Over 60 publications)</b>	<i>Books and book sections: 4</i> <i>Refereed papers: 43</i> <i>Non-Refereed publications: 14</i>
<b>Funded Projects</b>	
Research	<u>[AHRC - Creativity Research Network 2006] (Co-investigator)</u> , Duration: 1 year, Grant value: £12,161 <u>[EPSRC- CompuSteer Network 2006] (Co-investigator)</u> in conjunction with University of Manchester, Duration: 6 months – <i>Grant value: £1,480</i> <u>[Overseas Institutes PhD Studentships 2005] (Principal Investigator)</u> - Duration: 3 years, <i>Grant value: 2 full time PhD studentships (in excess of £48K).</i> <u>[Art Council 2003-2004] (Co-investigator)</u> in conjunction with Music Technology Group, Duration: 6 months – <i>Grant value (our share): £3,400 approx.</i> <u>[School of Computing Fund 2001] (Principal Investigator)</u> -

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Infrastructure	Robotics for teaching advanced mobile robots, <i>Grant value: £8,800</i> <u>[HEFCE 2003/2004] (Principal Investigator)</u> - Robotics for teaching and research - establishing robotics laboratory, <i>Grant value (our share): £47K</i>
Others	<u>[SRIF 2005/2006] (Co-investigator)</u> - Robotics in Institute of Creative Technology, <i>Grant value (our share): £150K</i> <u>[TCS 2002-2003] (Co-investigator)</u> Stirling Solutions, Duration: 1 year. <u>[Consultancy 2002] (Co-investigator)</u> BAe Training Courses in Software Engineering.

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**PhD Projects Supervision**

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| Current PhDs   | <ul style="list-style-type: none"> <li>○ Paraconsistent Logics Modelling of Emotions for Interactive Agents</li> <li>○ Multi-agents based approach to user profiling strategies and search using Multi-Valued Logics.</li> <li>○ Self-organizing maps for multi-lingual text mining.</li> <li>○ Syntactical and morphological analysis for text-word tagging in non-Latin languages (Arabic).</li> <li>○ Root extraction for fast natural language processing applications (e.g. search) in non-Latin languages (Arabic).</li> <li>○ Image-based Adaptive Dose Controller for Radiotherapy.</li> <li>○ Agents technology and grid computing for eLearning environment,</li> <li>○ Policy languages and agents for eLearning environment.</li> </ul>           |
| Completed PhDs | <ul style="list-style-type: none"> <li>○ Abdulsamad Al-Marghilani (2008) - Application of Self-Organizing Maps to Multilingual Text Mining (Arabic-English) [second supervisor]</li> <li>○ Abdul Manaf Mohd Rasol (2007) - An Agent-Based Framework for Forest Planning [first supervisor - director of studies]</li> <li>○ Ghada Al Hudhud (2006) - Multi-Agent Communication Protocols with Emergent Behaviour [first supervisor - director of studies]</li> <li>○ Laurence Tyler (2006) - A Hybrid Methodology for the Experimental Study of Collective Behaviour in Robot Groups [second supervisor]</li> <li>○ Alexander Gavrilov (2006) Welding Process Engineering with Artificial Neural Networks [first supervisor - director of studies]</li> </ul> |
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<b>Scholarly Activities</b>	(Please see my web site for a more detailed up-to-date list of my scholarly activities)
Professional Qualifications	2007 Fellow of the Higher Education Academy (FHEA) 2006 Chartered Engineer (CEng) 2006 Chartered Scientist (CSci) 2004 Chartered IT Practitioner (CITP)
Other Qualifications	2006 MA in Psychology, American University of London (AUOL), London, UK
Examiner Posts	2004 – 2008 External Examiner at Liverpool John Moores University – Multiple programs 2005 – 2009 External Examiner at Derby University – BTEC HND and member of extenuating circumstances board. 2005 External Examiner on BSc validation panel – Liverpool John Moore University 2006 External Examiner on MSc programs validation panel – University of West England
PhD Examination	<ul style="list-style-type: none"> <li>○ Vijayakumar Maragal Venkatamuni (2008) A Society of Mind Approach to Cognition and Metacognition in a Cognitive Architecture, University of Hull (external examiner)</li> <li>○ Musa Al-Akhras (2007) Quality of Media Traffic Over Lossy Internet Protocol Networks: Measurement and Improvement, DMU (Internal Examiner)</li> <li>○ Irina Lvova (2006) Financial Prediction of Chaotic Systems, DMU (Internal Examiner)</li> </ul>
Editorship	Associate Editor of Advanced Artificial Intelligence Journal Guest editor: Informatica, vol. 27 issue. 2 (2003) Co-editor: IASTED International Conference AIA (2002) conference proceedings Member of number of international journals editorial boards (please see my website for a list)
Others  (Please check my website for up to date list of scholarly activities.)	Elected member of the Society for the Study of Artificial Intelligence and Simulation of Behaviour (AISB) committee (elected Jan 2008) Chair of Swarm Intelligence Algorithms and Applications Symposium - SIAAS-08 - part of AISB 2008 Convention Co-Chair of The Fourth International Workshop on Advanced Computation for Engineering Applications (ACEA08) Program committee member and special session organizer for several conferences: e.g. CCCT'03, HIS04, HIS05, AIA01,

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	<p>AIA02, AIA03, AIA04, CI05, AIA07</p> <p>Maintaining Grand Challenge (GC5) on Architectures for Brain and Mind Website and co-organized with Professor Aaron Sloman a grand challenge workshop, 5th January 2004.</p> <p>A reviewer for a number of international journals and funding council</p> <p>A member of a number of technical committees (e.g. IEEE TC on Robotics and Intelligent Sensing)</p>
Selected Invited Talks	<p>Invited Keynote Speaker at JICCSE2006 - Intelligent Agents and Serious Gaming (7th December 2006)</p> <p>Access Grid Seminar: DMU Creative Robots, June 2006, Manchester University (world wide audience through the access grid)</p> <p>BCS talk: Living Machines, March 2006, Belfast Branch</p>
Professional Bodies memberships	<p>The Society for the Study of Artificial Intelligence and Simulation of Behaviour (AISB) – also elected member of AISB committee</p> <p>American Computer Machinery (ACM)</p> <p>British Computer Society (BCS)</p> <p>IEEE Society (IEEE SMC, IEEE Computer, and IEEE Computational Intelligence)</p> <p>BCS Leicestershire Branch YPG representative</p>
Professional Training	<p><b>September 2004</b> Classroom Observation</p> <p><b>September 2004</b> Academic Appraiser Training</p> <p><b>June 2003</b> Research Supervision Certificate</p> <p><b>March 1999</b> Teaching Fellows Scheme Workshop (putting together a portfolio of evidence)</p>
<b>Programming</b>	<p>C/C++, Java, Assembly, Matlab, various multimedia, robotics and embedded systems languages and packages</p>
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<b>Teaching</b>	
Undergraduate (Excluding general modules)	<p>CSYS 2055 Multimedia Architectures</p> <p>CSCI2604 Entertainment Games Computing and Robotics</p> <p>CSCI2012 Intro to Mobile Robotics</p> <p>TECH3015 Multimedia Animation Production</p> <p>CSCI3404 Advanced Mobile Robotics</p> <p>CSCI3406 Fuzzy Logic and Knowledge Based Systems</p>
Postgraduate	<p>COMP5121 Mobile Robots</p> <p>COMP5233 Intelligent Mobile Robots</p>

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	COMP5222 Distributed Artificial Intelligence and Multi-Agent Systems COMP5301 MSc Projects/Dissertations
Curriculum and Subject Development	2004-2005 MSc Computational Intelligence and Robotics - Deputy course leader (for the MSc launching year) 2001- now Developing (module leader for 4 specialist modules) and supporting mobile robots and intelligent agents curriculum and subject for specialist (BSc and MSc) and non-specialist courses (undergraduate courses using robots)
<b>Interests and activities</b>	Poetry and literature; Playing Piano, composition; Drama and acting (member of the Little Theatre since 2003); Swimming and tennis.
<b>Languages</b>	As first language: English and Arabic. Learning: French.
<b>References</b>	On request

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