

Maher Alhossaini

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Education

- 2013 Ph.D in Computer Science, University of Toronto, Canada. Ph.D Thesis: "Remodeling Planning Domains Using Macro Operators and Machine Learning".
- 2006 Master of Science in Computer Science, Stanford University, California, USA with specialization in Artificial Intelligence. Master's research report: "Computing Trust From Revision History"
- 2000 Bachelor degree in Computer and Information Sciences, King Saud University, Riyadh, Saudi Arabia.

Academic Honors, Scholarships and Rewards

- 2006 Obtained a Distinction in research from the department of computer science at Stanford University.
- 2003 Obtained a full scholarship to study Masters and Ph.D in Computer Science from King Saud University anywhere in the world.
- 2000 Graduated with First Class Honor and ranked 1st among the students of the College of Computer and Information Sciences at King Saud University.

Employments/Expertise

- Nov 2013 - now Assistant Professor at King Saud University, Computer Science Department.
- Dec 2001 Demonstrator at King Saud University, Computer Science Department.
- May 2001 System Engineer at MeduNet (Part of Prince Sultan Program for Medical and Educational Services.) in Riyadh, Saudi Arabia.
- Aug 2000 Programmer and administrator at Al-Rajhi Banking and Investment Corp., Riyadh, Saudi Arabia.

Research work

- 2005-2006 Worked in research at the KSL lab at Stanford University. Worked in the field of knowledge representation and trust networks.
- 2006-2013 Worked in research at the Tidel lab at the University of Toronto. Worked in AI Planning, Remodelling in planning, and Learning in Planning.

Selected Publications and Refereed Papers

- 2013 M. Alhossaini, and J. C. Beck. "Instance-Specific Remodelling of Planning Domains by Adding Macros and Removing Operators", in Proceedings of the Tenth Symposium on Abstraction, Reformulation, and Approximation (SARA 2013), 2013.
- 2012 M. Alhossaini, and J. C. Beck. "Macro learning in planning as parameter configuration.", in Proceedings of the 25th Canadian Conference on Advances in Artificial Intelligence. Springer-Verlag, 2012.
- 2010 M. Alhossaini. Learning to Choose Instance-Specific Macro Operators. In the Doctoral Consortium (ICAPS 2010), 2010.
- 2009 M. Alhossaini and J.C. Beck. Learning Instance-Specific Macros. In Workshop on Planning and Learning (ICAPS 2009), 2009.
- 2006 H. Zeng, M. Alhossaini, L. Ding, R. Fikes, and D.L. McGuinness. Computing Trust From Revision History. in Proceedings of International Conference on Privacy, Security and Trust, 2006.
- 2006 H. Zeng, M. Alhossaini, R. Fikes, and D.L. McGuinness. Mining Revision History to Assess Trustworthiness of Article Fragments. in Proceedings of Second International Conference on Collaborative Computing: Networking, Applications, and Worksharing, 2006.

Teaching

Position	Courses	Duties
2001-2003, teaching assistant	<ul style="list-style-type: none">- Introductory C Programming (CSC112)- Advanced C Programming (CSC113)- Operating Systems (CSC227)- Data structures (CSC212)	<ul style="list-style-type: none">- Leading Tutorials (all courses)- Marking homework assignments (all courses)- Marking quizzes (occasionally in some courses)- Discussing and marking course projects (in CSC227)
2013-now, assistant professor	<ul style="list-style-type: none">- Introductory Java Programming (CSC111)	<ul style="list-style-type: none">- Full Responsibility for the course, which includes:<ul style="list-style-type: none">- Presenting lectures- Coordination with the other instructors- Writing homework assignments- Writing exams- Grading- and other duties.