

Mahdi Eslamimehr

Gender: Male
Birth Date: Nov 7, 1982
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Current Affiliation

PhD Candidate and Research Assistant, Compiler Group, Department of Computer Science, University of California Los Angeles

Research Interests

- Software Testing and Verification
- Compiler Construction
- Programming Languages

Education

PhD

- (2008-Present) Department of Computer Science, University of California Los Angeles
- GPA: 3.7/4
- Courses:
Static Analysis, Computer Aided Verification, Parallel Programming Languages, Complexity of Problems, Advanced Topic in Microprocessor Design, Digital Arithmetic, System Design and Architecture, Parallel Programming.

M.Sc

- (2006-2008) M. Sc. in Computer Science (Specialization in Software Engineering) Linkoping University, Department of Computer and Information Science, Linkoping, Sweden
- GPA: 4.75/5 equals to A
- Course:
Computation II, Discrete Structure II, Advanced Software Engineering, Heuristic Algorithms for Combinatorial Optimization Problems, Large Web Information Integration, Communication, Database Systems. (2006-2007)

B.Sc

- (2001-2005) B.Sc. in Computer Engineering (Specialization in Software)
- Sharif University of Technology, Department of Computer Engineering, Tehran, Iran
- GPA (Out of 20):
- Last term 19.06/20
- Last year 17/20
- Final two years (Major Courses) 15.50/20

High School Diploma

- (1996-2000) Alavi High school (School for Exceptional talent)
- High School Mathematics Diploma
- GPA: (4/4)

Honor and Awards

- (2011) Received UCLA Graduate Division Fellowship
- (2010) Received UCLA Graduate Division Fellowship
- (2009) Ranked #1 in UCLA Intramural Indoor Soccer League
- (2009) Received UCLA Graduate Division Fellowship
- (2007) Positioned among the top master students in the 2007-2008 academic year
- (2006) Positioned among the top master students in the 2006-2007 academic year
- (2005) Positioned among the top students in the 1st semester of 2005-2006 academic year
- (2001) Ranked 31st among more than 1,000,000 applicants in the Iran's nationwide university entrance exam

Research Experiences

- (2008-Present) Research Assistant, Compiler Group, Department of Computer Science, UCLA
- (2006-2008) Research Assistant in Programming Environment Laboratory of Department of Computer and Information Science, Linkoping University, Sweden
- (2002-2004) Research Assistantship, Advisor: Professor Izadi, Department of Computer Engineering, Sharif University of Technology, Software Engineering Laboratory

Teaching Experiences

- (Fall 2011) Teaching Assistant of Professor Palsberg for “*Compiler construction*” Department of Computer Science, University of California Los Angeles
- (Winter 2010) Teaching Assistant of Professor Smallberg for “*Intro to Computer Science 2*” Department of Computer Science, University of California Los Angeles
- (Fall 2007) Teaching Assistant of Professor Sandahl for “*Software Engineering*” Department of Computer and Information Science, Linkoping University, Linkoping, Sweden
- (Fall 2007) Teaching Assistant of Professor Nilsson for “*Data Structures and Algorithms*” Department of Computer and Information Science, Linkoping University, Linkoping, Sweden
- (Fall 2007) Teaching Assistant of Professor Svensson for “*Human Computer Interactions*” Department of Computer and Information Science, Linkoping University, Linkoping, Sweden
- (Fall 2005) Teaching Assistant of Professor Jamzad for “*Data Structures and Algorithms*” Department of Computer Engineering, Sharif University of Technology
- (Fall 2005) Teaching Assistant of Professor Beygi for “*Design and Analysis of Algorithms*” Department of Computer Engineering, Sharif University of Technology
- (Summer 2005) Instructor of “*Graph Theory*”, Mirdamad Institute
- (Spring 2005) Teaching Assistant of Professor Beygi for “*Data Structures and Algorithms*” Department of Computer Engineering, Sharif University of Technology
- (Spring 2005) Teaching Assistant of Professor Beygi for “*Design and Analysis of Algorithms*” Department of Computer Engineering, Sharif University of Technology
- (Fall 2004-2005) Teaching Assistant of Professor Izadi for “*Theory of Machines & Languages*” Department of Computer Engineering, Sharif University of Technology
- (Fall 2004-2005) Teaching Assistant of Professor Beygi for “*Design and Analysis of Algorithms*” Department of Computer Engineering, Sharif University of Technology
- (Summer 2004) Instructor of “*Computer Networks*” Mirdamad Institute
- (Fall 2003-2004) Teaching Assistant of Professor Izadi for “*Advanced programming in C++*” Department of Computer Engineering, Sharif University of Technology

Publications

- (2011) M. Eslamimehr, J. Palsberg, *Directed Testing of Event-Driven Software*, submitted in EMSOFT2011
- (2008) M. M. Eslamimehr, Kristian Sandahl, *The Survey on Model Based Testing and Industrial Tools*, Department of Computer and Information Science, Linkoping University

Conference, Presentations, and Posters

- (2010) *Scalable Topology Language for Many-Core Processors*, Samsung US R&D, San Jose
- (2006) *Model Based testing: State of Art*, held in Ericsson AB, Helsinki, Finland
- (2004) *Formal model for Component-Based architecture* held in Sharif University of Technology
- (2004) *Component Vs Object* held in Sharif University of Technology
- (2003) *Introduction to Component-Based Software Engineering* held in Sharif University of Technology

Professional Experiences

- (2011) Software Engineer, **Utopia Compression R&D Department, Los Angeles, US**
- (2011) **National Science Foundation Summer School on Formal Techniques, Palo Alto, US**
- (2010) Software Engineer, **Samsung Electronics US R&D Center, San Jose US**
- (2007-2008) **Consultant Engineer in Ericsson AB. Stockholm, Sweden**
- (2007) **Conformiq Qtronic, Helsinki, Finland**
- (2006) Computer Technical Advisor of "**The Battle of Alexander**" Animation Studio, **Tehran, Iran**

Reference

Available upon request