

E-MAIL: _____
SECONDARY E-MAIL: _____
WEBSITE: _____

Education

- Sep. 2005 – Feb. 2010
- ***B.Sc. in Computer Engineering, Software Group***, Department of Electrical and Computer Engineering, Faculty of Engineering, University of Tehran, Tehran, Iran.
 - Overall GPA: **17.01/20.00**
 - Last year GPA: **17.89/20.00**
- Sep. 2001 – Jul. 2005
- Allameh Helli High School, under the supervision of NODET (National Organization for Developing Exceptional Talents), Tehran, Iran.

Fields of Interest

- Machine Learning
- Multi Agent Systems
- Social Networks
- Cognitive Science
- Interactive Art and AI

Honors and Awards

- Spring 2009
- Excellent Student M.Sc. Admission Offer to University of Tehran: This special position is offered to very few B.Sc. students (often 3) with highest GPAs to be straightly admitted to M.Sc. program.
- 2007
- F.O.E (Faculty of Engineering) award: Ranking 3rd among all of Computer Engineering students, University of Tehran
- Fall 2005 & Spring 2009
- Exceptional Student: Received Faculty of Engineering scholarship as an exceptional student
- 2005 – 2009
- Ranked 3rd among all of Software Engineering student, University of Tehran
- Summer 2005
- Top 0.08% of the Nationwide Matriculation Exam: 368th rank among nearly 500,000 participants
- Spring 2009
- 49th Rank in National Graduate Entrance Exam: Computer Sciences and Algorithms Field

- Spring 2009 • 66th Rank in National Graduate Entrance Exam: Software Engineering Field
- Spring 2007 • 2nd Team Rank, Othello Competition: Programming intelligent decision making agents for Othello board game competition, Department of Electrical and Computer Engineering, University of Tehran

Teaching Experience

- Fall 2006 & Fall 2008 & Fall 2009 • Teaching Assistant, “**Fundamentals of Computers and Programming**”
ECE Department, University of Tehran
- Spring 2008 • Teaching Assistant, “**Principles of Compiler Design**”
ECE Department, University of Tehran
- Fall 2008 & Fall 2009 • Teaching Assistant, “**Algorithm Analysis and Design**”
ECE Department, University of Tehran
- Fall 2009 • Teaching Assistant, “**Data Structures**”
ECE Department, University of Tehran
- 2008 • Teacher, “**Innovative Projects in Computer Science**”
Allameh Helli High School, under the supervision of NODET (National Organization for Developing Exceptional Talents)
- My responsibilities included helping talented students to implement their innovative ideas for national student competitions.

Research and Practical Experience

- Spring 2009 - present • **Social Network Analysis:** Building tools for analysis of social networks and large graphs using C++ boost library. Other activities included creating a new dataset for analysis of social networks by crawling Iranian weblogs and creating a network based on the links between these weblogs.
- Advisor Professor: Dr. Masoud Asadpour
- Summer 2009 • **Whois Server:** Design and implementation of a whois server for IRNIC (Dot-IR ccTLD Registry)
- Spring 2007 • **Java Compiler for MIPS:** Design and implementation of an LL1 compiler for IC language (a Java subset). The compiler produces assembly code targeted for MIPS machines in a single pass, and it is capable of detecting errors. We also implemented some basic libraries such as IO for the compiler.
- Course Professor: Dr. Mehdi Kargahi
- Fall 2007 • **Pipelined Processor based on MIPS architecture:** Design and implementation of a fully functional pipelined processor based on MIPS architecture
- Course Professor: Dr. Saeed Safari

Spring 2008

- **Decision Making Agent for Chess:** Design and implementation of a decision making Agent for playing chess. Our agent ranked 2nd among all the contestants from University of Tehran and Sharif University.
- **Course Professor:** Dr. Hesham Faili

Computer Skills

Languages

- Expert in C/C++, Java
- Familiar with C#, Verilog, 8086 assembly.
- Web design and programming (J2EE, ASP, .NET, JavaScript)

Frameworks and
Simulation Software

- Database design and management (MySQL, MS SQL Server)
- Hardware simulation: Modelsim, Quartus II, Proteus
- Web servers: Apache Tomcat

Language Skills

- **English:** Fluent
 - TOEFL: 108 = 29 (reading) + 29 (listening) + 28 (speaking) + 22 (writing)
 - GRE : 330 (verbal) + 780 (quantitative) + 3.5 (writing)
- **Persian:** Native
- **Arabic:** Familiar

Personal Information

- **Nationality:** Iranian
- **Birth Date:** Feb. 16, 1987
- **Place of Birth:** Tehran, Iran