CONTACT INFORAMTION

Address: Apt.66, No.5, 17th

CELL-PHONE
HOME
E-MAIL: _____
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EDUCATION

B.Sc.in Computer Engineering (Software Engineering) (2006 – Present)
Department of Electrical and Computer Engineering, Faculty of Engineering, **University of Tehran**, Tehran, Iran
Overall GPA: **3.43** /4.0 (16.45 /20)
Last 2 years GPA: **3.70** /4.0 (17.26 /20)

High School Diploma in Mathematics and Physics (2003 – 2006)
Mofid2 High School, Tehran, Iran
Total GPA: 19.29 / 20

RESEARCH INTERESTS

- Parallel Computing
- Ubiquitous/Pervasive Computing
- Distributed Systems
- Software Engineering

CURRENT ACTIVITY

- Undergraduate project on some proposed enhancements on the MAC layer protocol of IEEE 802.11n

- Building an Apache Hadoop cluster for the school of Electrical and Computer Engineering, University of Tehran

TEACHING EXPERIENCE

Chief Teaching Assistant, "Operating System Concepts" Course
Fall 2009 - Spring 2010 - Fall 2010
Instructor: Prof. M. Kargahi
My responsibilities include: designing and grading course projects, holding recitation classes, designing and grading assignments

Teaching Assistant, "Programming Languages Design" Course
Fall 2010
Instructor: Prof. A. Shakeri

I am also currently working with Prof. Seyedrazi to incorporate OS-related topics into "Computer Architecture" course presented for electrical engineering students.

AWARDS AND HONORS

- Received **'Straight' M.Sc. Admission Offer** to the University of Tehran regarding high GPA, 2010
- **Received scholarship** from Faculty of Engineering as an exceptional talent student, 2006
- **Ranked 504th** among more than 400,000 participants in the nation-wide universities entrance exam (the Konkoor), 2006

LANGUAGE SKILLS

- Farsi: Native
- English: Fluent   IELTS Scores:
  - Overall 8.0 (Listening: 8.5 – Reading 9.0 – Writing 6.5 – Speaking 7.0)
- Arabic: Only Reading

COMPUTER SKILLS

- Computer Languages:
  - Proficient in: C, C++, Java SE, 8086 Assembly
  - Familiar with: Java EE, Python, ML, SQL
- Engineering Software:
  - Quartus, ModelSim, CodeVision, AVR Studio, Proteus, P-Spice, MATLAB
- Other Skills:
  - Completely familiar with Linux and Windows operating systems
  - Skillful in programming AVR and 8051 Microcontrollers
  - NS-2 Simulator
  - Verilog Hardware Description Language
  - Apache Tomcat, Apache HTTP Server
  - Eclipse IDE
  - Microsoft SQL Server
  - Hibernate Framework
  - 3DStudio MAX

SELECTED ACCOMPLISHED PROJECTS

- *Implementing a multithreaded proxy server compatible with HTTP 1.0 under Linux*,
  Advisor Prof. Khonsari, Fall 2009
- *Implementing a low-level packet sniffer program under Linux*,
  Advisor: Prof. Khonsari, Fall 2009
- *Implementing a web application for a pizza delivery system using Java Servlets, JSecurity, Hibernate framework, and Apache Tomcat*,
  Prof. Khosravi (Head of the Software Engineering Lab), Internet Engineering Course, Spring 2009.
- *Designing and Implementing Single Cycle, Multi Cycle, and Pipelined Processors using Verilog*,
  Advisor: Prof. Movahhedin, Computer Architecture Course, Fall 2008
- *Implementing a low-level synchronizer application over network in Linux operating system*,
  Advisor: Prof. Kargahi, Operating Systems Course, Fall 2008.
- *Implementing a compiler for a simple Pascal based language with ANTLR*,
  Advisor: Mr. Fouladi, Principles of Compiler Design Course, Spring 2008
- *Implementing a graphical Space Invader game in Assembly language under the 8086 architecture*,
  Advisor: Prof. Khounsari (Head of the Network Lab), Assembly Language Course, Fall 2007.
- *Implementing a multithreaded game over network using qt3 under the Linux operating system*,
  Advisor: M.Sc. Abedinejad (Managing Director of the Douran Software Technologies), Advanced Programming Course, Summer 2007.

OTHER INTERESTS AND HOBBIES

- Amateur 3D modeling and animation
- Amateur mountain climbing and camping
- Hiking

REFERENCES

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