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Personal Information:

Date of Birth: December 20th, 1983

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Education:

- B.S. in Electrical Engineering (Communications); 2002 – 2006; Sharif University of Technology, Tehran (GPA: 17.2 out of 20)
- High School Diploma in Math & Physics; 1998 – 2002; Allame Helli High School (of the National Organization for the Development of Exceptional Talent NODET), Tehran (GPA: 19.1 out of 20)

Experience:

- Research Assistant for Prof. O.K. Tonguz, on a project for developing intra-car wireless sensor networks for automotive applications; January 2007 – present
- Research Assistant for Prof. J.A. Salehi, on a design and simulation project for a Spread-Time CDMA system prototype aimed at UWB applications; January 2006 – December 2006
- Teaching Assistant (mainly classroom teaching) for the courses *Electric Circuits I*, Prof. M. Shamsollahi, fall term of 2004 – *Electric Circuits I*, Prof. M. Shamsollahi, spring term of 2005 – *Signals and Systems*, Prof. M. Shamsollahi, fall term of 2005
- Teaching Assistant (mainly classroom teaching) for the course *Signals and Systems*, Prof. M. Nasiri, fall term of 2006

Areas of Interest:

- Wireless networking, esp. sensor and ad-hoc networks
- Communication and information theory

Current Research:

- Modeling and management of the wireless channels present in in-car sensor networks.

Software Skills:

- Programming Languages: BASIC (QBASIC and Visual Basic), Pascal (Turbo Pascal and Delphi), C++ (Turbo C++ and Visual C++) and Assembler code
- Specialized Programming: MATLAB, Simulink and Network Simulator (NS)
- Hardware Design: VHDL and Orcad

Other Activities:

- Member of Resana, the student group of the Sharif University EE department, April 2003 – December 2006
- Elected member of the EE department Student Council, December 2004 – December 2005; Chairman of the Council, December 2004 – April 2005
- Executive of the Broadband Communications and Digital Video Broadcasting (BC&DVB) seminar, November 2004
- Member of the Sharif University EE department basketball team, 2004 and 2005 seasons
- Student Member, IEEE
- Member of the CMU Persian Student Organization (PSO), January 2007 – present
- Member of the Black Mountain Spirit Kung Fu club, February 2007 - present