

Babak Behzad

CONTACT INFORMATION	Address: No. 4, Seifieh Alley, Atlasi St., Mirdamad Blvd., Tehran, Iran Home Phone: (+98) 21 22250551 Cell Phone: (+98) 912 7906830 E-mail: babakbehzad@gmail.com WWW: cs.sharif.edu/~behzad
EDUCATION	Sharif University of Technology , Tehran, Iran. B. Sc. in Computer Sciences (expected June 2010) Department of Mathematical Sciences Total GPA: 17.25/20 via 103 credits. Major GPA: 18.98/20. Shahid Danesh High School , Tehran, Iran Diploma of Physics and Mathematics (2002 - 2006) Total GPA: 19.48/20.
RESEARCH INTERESTS	<ul style="list-style-type: none">◇ Parallel and High Performance Computing◇ Operating Systems◇ Computer Networks
RESEARCH PROJECTS	<ul style="list-style-type: none">◇ Developing and maintaining an MPI based computer cluster for Sharif University of Technology Computing Center. Jul 2008◇ A member of Sharif's Computational Geometry Group under supervision of Prof.Y. Tabesh, Sharif University of Technology Computing Center. Aug 2008◇ Designing and implementing several algorithms for the MPI based computer cluster, Sharif University of Technology. Aug 2008◇ Designing and implementing a bug report tool for the Graph^{Lab} Project, Sharif University of Technology. Sep 2009◇ Designing and implementing an online search extension for the Graph^{Lab} Project as a plugin of Trac system, Sharif University of Technology. Sep 2009
HONORS	<ul style="list-style-type: none">◇ Ranked 3rd among undergraduate students of Computer Sciences, Department of Mathematical Sciences, Sharif University of Technology. Sep 2009◇ Graduate scholarship awarded by Sharif University of Technology, the privilege of studying graduate degree without any entrance exam. Oct 2009◇ Ranked among top 0.33% of about 500,000 participants in the university entrance exam for BS degree. Jul 2006
SELECTED COURSES TAKEN	Undergraduate Courses: <ul style="list-style-type: none">◇ Data structures and algorithms (Fall 2007)◇ Machine structure and language (Fall 2008)◇ Computer technology (Fall 2008)◇ Operating systems (Spring 2008)◇ Compiler design (Spring 2008)◇ Computer organization (Spring 2008)◇ Computer graphics (Spring 2008)◇ Microprocessors (Fall 2009)◇ Advanced Topics in Computer (Fall 2009)

Graduate Courses:

- ◇ Analysis of algorithms (Spring 2007)
- ◇ Data transmission and computer networks (Fall 2008)
- ◇ Queueing theory (Fall 2009)

TEACHING
EXPERIENCE

Teaching Assistant

Sharif University of Technology, Tehran, Iran.

- ◇ Data transmission and computer networks Fall 2009
- ◇ Data structures and algorithms Fall 2009 and Fall 2008
- ◇ Introduction to computer programming with Java Fall 2008

COMPUTER
SKILLS

Operating Systems:

- ◇ Proficient in GNU/Linux and UNIX development and tools
- ◇ Proficient in Microsoft Windows
- ◇ Familiar with FreeBSD

Programming Languages:

- ◇ Proficient in C and system programming with C
- ◇ Proficient in OOP and OO design with C++ and Java Technology
- ◇ Proficient in Assembly language of x86 systems and Intel 8051 programming
- ◇ Familiar with MPI and concepts of parallel computing
- ◇ Familiar with J2EE concepts
- ◇ Familiar with OpenGL programming

Architectures:

- ◇ Deep understanding of Intel x86, 8085 and 8051 internal design
- ◇ Deep understanding of MIPS architecture including internal design and pipelining

Network:

- ◇ Deep understanding of current Internet protocols
- ◇ Proficient in installation and configuration of various Linux/UNIX network services
- ◇ Proficient in network programming in C

Tools:

- ◇ gcc, g++, Java, ld
- ◇ gdb, windbg
- ◇ emacs, vim, eclipse
- ◇ ns-2, Opnet modeler
- ◇ openoffice, L^AT_EX