

## Babak Behzad

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CONTACT INFORMATION      *Name:* Babak Behzad  
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EDUCATION      **Sharif University of Technology**      Tehran, Iran  
B. Sc. Student in Computer Science      2006 - present  
Department of Mathematical Science  
Total GPA: 16.61/20 via 84 credits.

**Shahid Danesh High School**      Tehran, Iran  
Diploma of Physics and Mathematics, GPA: 19.5/20.      2002 - 2006

RESEARCH INTERESTS        
◇ Operating Systems  
◇ Networking  
◇ System Programming  
◇ Parallel Computing  
◇ Distributed Systems  
◇ Computer Architecture

COURSES TAKEN        
○ Introduction to Computer Programming (C) (Fall'06)  
○ Advanced Computer Programming (Java) (Spring'06)  
○ Data Structures and algorithms (Fall'07)  
○ Analysis of Algorithms (Spring'07)  
○ Machine Structure and Language (Fall'08)  
○ Introduction to Automata Theory (Fall'08)  
○ Computer Networking (Fall'08)  
○ Computer Technology (Fall'08)  
**Audited:**  
○ Data Networks (Fall'08)

RESEARCH PROJECTS        
● Developing and maintaining an MPI beowulf computer cluster for Sharif University of Technology Computing Center.  
● One of the Developers of Sharif's GraphLab Project (An Open Source Environment for Implementing, Visualizing and Testing Graph Algorithms).

TEACHING EXPERIENCE      **Sharif University of Technology**      Tehran, Iran  
Teaching Assistant      Fall, 2008  
Data Structure and Algorithms

**Sharif University of Technology**      Tehran, Iran  
Teaching Assistant      Fall, 2008  
Introduction to Computer Programming with Java

## QUALIFICATIONS

### **Operating Systems:**

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

### **Programming Languages:**

- ▷ Proficient in C
- ▷ Proficient in OOP and OO design with C++ and Java Technology
- ▷ Familiar with Assembly language of x86 systems and Intel 8051 programming

### **Architectures:**

- ▷ Deep understanding of Intel 8085 and 8051 internal design

### **Network:**

- ▷ Proficient in Setup and configuration of various Linux/UNIX network services
- ▷ Proficient in CCNA materials
- ▷ Familiar with CCNP materials

### **Tools:**

- ▷ gcc, g++, Java, ld
- ▷ gdb
- ▷ emacs, vim, eclipse
- ▷ ns-2, Opnet modeler
- ▷ openoffice, L<sup>A</sup>T<sub>E</sub>X

## HONORS

- ◇ Ranked among top 0.33% of about 500,000 participants in the university entrance exam for BS degree 2006.

## SPOKEN

### LANGUAGES

- Farsi, Native Language.
- English, Fluent