

# HESAM SETAREH

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## ○ *Education*

**BSc Student** September 2006 – Present

Department of Computer Engineering, Sharif University of Technology, Tehran, Iran

**GPA:** 17.84/20

**Diploma in Mathematics and Physics** September 2002 – June 2006

Shahid-Sani High-School, Garmsar, Iran

**GPA:** 19.18/20

## ○ *Research Interests*

- ✓ Machine Learning
- ✓ Image Processing
- ✓ Computer Vision

## ○ *Publication*

M. Habibi, H. Sameti, H. Setareh, “*On-line learning of a Persian spoken dialogue system using real training data*”, Accepted to ISSPA 2010 (International Conference on Information Sciences, Signal Processing and their Applications)

## ○ *Awards and Honors*

- ✓ Ranked 6<sup>th</sup> among students of software engineering based on overall GPA
- ✓ Exempted from M.S. entrance exam in Iran, as an exceptionally talented student.
- ✓ Ranked 197<sup>th</sup> in the nationwide university entrance exam among more than 300,000 student, 2006
- ✓ Ranked 1<sup>th</sup> in the computer programming contest in Semnan state, 2004

## ○ *Teaching Experiences*

**Teaching Assistant**

Fall 2009, spring 2008

**Computer Architecture**

Department of Computer Engineering, Sharif University of Technology, Tehran, Iran

Under supervision of [Dr.Jahangir](#)

**Teaching Assistant**

Fall 2009, spring 2008

**C Programming**

Department of Computer Engineering, Sharif University of Technology, Tehran, Iran

Under supervision of [Mr.Ehdaie](#)

**Teaching Assistant** Fall 2009  
***Data structures and algorithms***  
Department of Computer Engineering, Sharif University of Technology, Tehran, Iran  
Under supervision of [Dr.Jamzad](#)

**Teaching Assistant** Fall 2009  
***Computer structure and language***  
Department of Computer Engineering, Sharif University of Technology, Tehran, Iran  
Under supervision of [Prof.Miremadi](#)

**Instructor** summer 2004  
***Fundamentals of Computer Programming***  
Research Center for High School Students, Garmsar, Iran

## ○ ***Work Experiences***

***“Hesab-o-Andishe” Company, Fall 2009***  
Working as an intern in a software development team which designs and implements database systems

***“Asr Guyesh Pardaz” Company, summer 2009***  
Working as a researcher in a spoken dialogue team

## ○ ***Research Experiences***

***Dialogue Manager which uses Reinforcement Learning***  
Designing and Implementing dialogue manager which uses Monte Carlo method for Persian Language, under supervision of [Dr.Sameti](#)

***Image Segmentation using Reinforcement Learning***  
B.Sc. thesis, working in Digital Media Lab, Sharif university of technology, under supervision of [Dr.Rabiee](#)

## ○ ***Skills***

***Programming:*** C/C++, Java, Pascal, Basic, .Net Framework, Verilog HDL, Prolog, PHP, HTML, Assembly Motorola 68000

***Operating Systems:*** Microsoft Windows family & DOS, Linux

***Signal Processing:*** Matlab

## ○ ***Language Proficiency***

***Persian:*** native

***English:*** almost fluent

## ○ ***Extracurricular Activities***

✓ ***Playing football***

✓ ***Mountain Climbing***