

Home Address:

Phone:

E-mail:

PERSONAL INFORMATION

Nationality: Iranian
Birth Date: Sep. 7, 1988
Place of Birth: Tehran, Iran

RESEARCH INTERESTS

Mathematical modeling of behavior
Numbers' Theory
Partial Differential Equations
Control Systems (Optimized control)
State Space Theory
Quantitative Risk Management
Combinatorics

EDUCATION

University of Tehran, Department of Electrical and Computer Engineering,
Faculty of Engineering, Tehran, Iran, Bachelor of Science in Electrical
Engineering - **Control**, Expected February 2011
[Sep. 2006 – present]
Overall GPA until now: 16.39/20.00
GPA of the last 3 semesters: 17.39/20.00
(*The B.S. course is supposed to take 4 years, but it usually takes longer.*)

HONORS

2010, among the top 10 undergraduate students of Control Engineering
2006, 2007, 2009 Faculty of engineering **Exceptional Talent** student for **4 semesters**, including the first semester, and 3 semesters as a result of obtaining a GPA of over 17/20 (A).

- *Spring 2007 – GPA: 17.00/20.00*
- *Spring 2009 – GPA: 17.79/20.00*
- *Fall 2009 – GPA: 17.30/20.00*

2006, Ranked **320th** among approximately 300000 participants in the nationwide university entrance exam in the field of Mathematics and Physics for BS degree, Tehran, Iran
2006, Ranked **69th** among approximately 100000 participants in the nationwide university entrance exam in the field of Foreign Languages for BS degree, Tehran, Iran

ACADEMIC PROJECTS

Ongoing project, Bachelor Thesis: *“Optimal Portfolio Selection using Markowitz method and Genetic Algorithm and Comparison between the two mentioned methods”*, Fall 2010
Advisor: Dr. Ashakn Rahimi-Kian, Associate Professor
System design and simulation of an optimized state feedback control using full and reduced order observers, Spring 2009, Advanced Control Systems
Advisor: Dr. Ali Khaki Sedigh, Professor, visiting from Khaje Nasir Toosi University of technology
Design and Implementation of “Speed and Position controller for a DC Motor”, Spring 2010, Mechatronics

WORK EXPERIENCES

Advisor: Dr. Farzad Rajaei-Salmasi, Associate Professor

Design and Implementation of a Flute Player Robot, Fall 2009, General Workshop

Design and Implementation of a "Barcode Reader", Spring 2009, Microprocessors

Advisor: Dr. Omid Fatemi, Assistant Professor

Kharg Petrochemical Co., Department of Engineering, control and instrumentation, Tehran, Iran Summer 2009- Trainee

University advisor: Dr. Parviz Jabbedar Maralani, Professor

Company web page:

<http://www.khargpetrochemical.com/english/main.html>

Niroom Research Institute, Tehran, Iran, summer 2007- Trainee

Company web page: <http://www.nri.ac.ir/default.aspx?lng=en>

"Lessons in Cinema", Tehran, Iran, winter 2009. *Participation as trainee in a student-oriented audio-visual Program addressed to Art University students*

Computer Skills

Mathematical & Engineering Software: MATLAB, PSpice, Modelsim, Quartus, PSCAD

Instrumentation Software: INTools, WinCC

Microsoft Office (Word, Excel, PowerPoint, One Note)

Windows environment (XP, Vista, 7) **and Internet Research**

General Knowledge of some programming and hardware description languages, including Verilog and Assembly

Languages

Persian: Native Language

English: Fluent

TOEFL exam score: 109

Reading: 28, Listening: 30, Speaking: 24, Writing: 27

French: Fluent

Italian: Proficient

German: Partial Knowledge

Arabic: Familiar

EXTRACURRICULAR INTERESTS

The history, art and analysis of Cinema

Political and Cultural Geography

Writing poems, essays, compositions and film criticisms in Persian, English and French

Watching football matches

REFERENCES

Dr. Ali Khaki-Sedigh, Professor, *Email:* sedigh@kntu.ac.ir

Dr. Farzad Rajaei-Salmasi, Associate Professor, *Email address:*

frajaei@ut.ac.ir

Dr. Dara Moazzami, Professor, *Email address:* dmoazzami@ut.ac.ir

Dr. Ashkan Rahimi Kian, Associate Professor, *Email address:* arkian@ut.ac.ir

Further Information and Proofs Are Available Upon Request