



SOROUSH MAJD

CAMPUS:

Hafez Ave, Tehran, Iran, 15875-4413
Phone: +98 – (021) - 88463761
SoroshMajd@aut.ac.ir
<https://soroushmajd.github.io/>

PERMANENT:

Seyed Khandan, Tehran, Iran
Phone: (+98) 937-745-4021
soroushmajd98@gmail.com

OBJECTIVE Obtaining an academic position as a graduate student at a well-known and decent university, where Provides me with up-to-date knowledge and an academic atmosphere. My ultimate goal is to use my talents and studies to contribute to major advancements in technology and science in the world.

RESEARCH INTEREST Image Processing
Statistical Neuroscience
Statistical Computational Neuroscience

EDUCATION **Amirkabir University of Technology, Tehran, Iran.**
B.Sc. Student of Biomedical Engineering
[September 2016 – present]
Overall GPA: 15.89 out of 20

National Organization for Development of Exceptional Talents, Tehran, Iran.
Diploma in Physics and Mathematics
[2010 – 2016]
Overall GPA: 18.25 out of 20

HONORS AND AWARDS Ranked within top **0.97%** in university entrance exam among 162,879 applicants
Ranked 1st in research competition (Allameh Helli5 High school)
Ranked within top **0.24%** in physics subject on university entrance exam among 162,879 applicants

TECHNICAL SKILLS Python, MATLAB, C++, HTML, SolidWorks, LTSpice

PUBLICATIONS Functional evaluation of ABI medical systems and comparing them
Evaluation of stimulation current properties that cause action potential in neurons
Designing a controller to reduce overshoot and setting time of a system using siso tool in MATLAB
Evaluation of Function and describing components of Urodynamic medical devices

PRESENTATIONS Functional evaluation of SOT medical system
The Sleep Paralysis

LANGUAGES **Persian:** Native Language
English: Fluent

WORK
EXPERIENCES **Raimon Darman Takta Co.**
Biomedical Engineering internship

HOBBIES Fitness
Literature
Listening to music

REFERENCES **Ali Fallah**
Assistant Professor, Amirkabir University of Technology,
Biomedical Engineering Department,
Email: afallah@aut.ac.ir

Hamed Azarnoush
Assistant Professor, Amirkabir University of Technology,
Biomedical Engineering Department,
Email: azarnoush@aut.ac.ir

Mahnaz Eskandari
Assistant Professor, Amirkabir University of Technology,
Biomedical Engineering Department,
Email: eskandari.edu@gmail.com