

# Tayebe Moalemi

Department of Biomedical Engineering — AmirKabir University of Technology, Hafez Avenue, Tehran, Iran

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## Education

- **Biomedical Engineering** **Amirkabir University of Technology**  
○ *B.Sc. , 2018-Present (Ranked 1)* *Ranked 2 among Iranian universities*
- **Mathematics and Physics** **Farzanegan Highschool**  
○ *Diploma , 2014-2018 (GPA: 19.98/20)* *SAMPAD*

## Research Interests

- Digital Signal Processing
- Machine Learning
- Neuroscience
- Chaos
- Brain Computer Interface
- Medical Image Processing
- Blind Source Separation
- Pattern Recognition

## Honors and Awards

- Top rank, 2018:** Achieve rank **780** in national entrance exam (Konkour) for B.Sc. degree
- Computer and Math Olympiad, 2015:** Semi-finalist in national Olympiad of **Computer and Mathematics**

## Computer Skills

- MATLAB
- LTspice
- C++
- Eeglab
- OrCAD
- Simulink

## Relevant Courses

- Biological Signal Processing, **Present**
- Signal and Systems, **Ranked 1st**
- Nonlinear Dynamics and Chaotic Systems, **Present**
- Radiology and Radiography

## Languages

- English:** Practical
- Arabic:** Familiar
- Persian:** Native

## Personal features

- Independent
- Skilled in teaching
- Patient
- Time manager
- Team-player
- Honest
- Open-minded

## Hobbies

- Reading
- Watching Movies
- Drawing
- Cooking

## References

- **Dr. S. Jafari**, Thesis supervisor, School of Biomedical Engineering, Amirkabir University of Technology (Polytechnic of Tehran), Iran.
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