

Mahshid Sadeghi

Personal information

Address: unit 4, Number 13, east 2nd alley, west Payambar st., Kashani st., Sadeqie Sq.

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Email: mahshid.sadeghi74@yahoo.com

Marital status: single

Born: 2/11/95

Education

- Master Of Science degree in **Biomedical Engineering, Tarbiat Modares University**, 2020-up to now
- Bachelor of Science degree in **Biomedical Engineering, Amirkabir University of Technology** (Academically ranked as the second industrial university in Iran), 2014-2018
B.Sc. Thesis: "Investigation of Changes in the Nonlinear Features of Brain Waves during the Neurofeedback Treatment in Children with Attention Deficit- Hyperactivity Disorder (ADHD)"
Overall GPA: 3.6/4
- High School diploma, Mathematics and Physics, 2010-2014
Overall GPA: 18.56/20

Extracurricular activities

Certificates

- Introductory courses in ultrasound and echocardiography
- Advanced courses in ultrasound and echocardiography

- Introduction to Neurofeedback course
- Introduction to TDCS course
- Advanced Neurofeedback course
- Teacher training course(TTC)
- Quantitative Electro Encephalo Graphy (QEEG) analysis course
- EEG lab in Matlab

Work Experiences

- Sales Expert | Shamim Salamat Pasargad, since 2018 – Present
Cardiovascular field
OB & GYN field
- Internship | Naft hospital, Summer 2017
- Neurofeedback therapist | Miad clinic, Since 2015-2017
- Internship | Rahyar Asia Gostar, Winter 2016
- English teacher | Avid institution, 2017-2018
| Talieh institution, 2016-2017
| Fazeli institution, 2016-2017
- Tutor in the fields of Mathematics, Physics and English
- participate Aisec

Language:

- Persian (native)
- English (Ielts 7): Reading: 7 Writing: 7
 Speaking:7 Listening: 6.5

Skills:

- Sales Account Management
- Good Communication
- Team Working
- Project Planing
- Leadership
- Teaching
- Public Speaking

- Microsoft office
- Microsoft Windows
- Mac OS X
- MATLAB (Programming, Simulink, Control Toolboxes)
- C (Programming)
- C++ (Programming)

Fields of Interest

- Ultra Sound
- Nonlinear dynamics and chaos (Analytical and numerical approaches)
- Neurofeedback
- Transcranial Direct Current Stimulation (TDCS)
- Signal processing
- Image processing

Selected Course Projects

- Study of how determine ECG as a project for Hospital Medical Equipment, supervised by Prof. Vahid Aboei, 2017.
- Investigation of Changes in the Nonlinear Features of Brain Waves during the Neurofeedback Treatment in Children with Attention Deficit- Hyperactivity Disorder (ADHD), supervised by Prof. Sajjad Jafari, BSc project (work in progress).
- Study on Transcranial Direct Current Stimulation (TDCS) device and its performance as a project for Cognition & Brain Physiology, supervised by Prof. Gharibzadeh, 2018.
- Study on Neurofeedback device and its performance as a project for Cognition & Brain Physiology, supervised by Prof. Gharibzadeh, 2018.
- Research on new treatments for obesity as a project for Hospital Medical Equipment, supervised by Prof. Vahid Aboei, 2018.
- Study and research on specialty and new medical equipment in orthopedics and trauma as a project for Hospital Medical Equipment, supervised by Prof. Vahid Aboei, 2017.
- Study on different types of defibrillator and their common breakdowns in previous years as a project for Protection Hazards Due to Elec., supervised by Prof. Nafisi, 2017.

- "How the TENS works" as a project of Introduction to Biomed Eng., supervised by Prof. Abbas Nasiraei, 2016.

References

- Prof. Sajjad Jafari, (Thesis Supervisor)
Biomedical Engineering Department, AmirKabir University of
Technology
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Phone: (+98-21) 6454 2398
- Prof. Ali Fallah
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Technology
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- Prof. Hamed Bagheri
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