



CONTACT

PHONE:
+989123982418

EMAIL:
farbod.ra26@gmail.com

LinkedIn: farbod-raeisi

HOBBIES

Pianist

Mountaineering

(certified by Iran's Mountaineering Federation for summiting Sabalan and Alamkooh peaks)

FARBOD RAEISI

Electrical Engineering Student

EDUCATION

Khaje Nasir Toosi University of Technology

Bachelor of Electrical Engineering

2020 - Present

Score: 16.9/20

Allameh Helli School

(National Organization for Development of Exceptional Talents (Sampad))

High School Diploma, Physics and Mathematics

2017-2020

Score: 18.5/20

EXPERIENCES

Internship at Fard Iran Inc.

Machine Learning & Computer Vision Intern

Summer of 2022

Data analysis and image processing using OpenCV.

Cognitive Control Research

August 2023 – Present

Working on attentional control and selective attention in mechatronic lab. Under the supervision of Dr. Delrobaei

Research Assistant of Dr. Aliyari

September 2023 – January 2024

Designing a model of car crashes using sensors

Teaching Assistant

September 2022 – January 2023

Assisting Prof. Akhbari with providing programming and simulation courses in Probability and Statics

Neuromatch Summer School

July 2023 – August 2023

Modelling the brain of a mouse using data analytics with Steinmetz dataset

ICEMD2023 Conference

December 2023

Member of the executive committee

MMWaTT2022 Conference

January 2023

Member of the executive committee

Volunteer Member of IEEE KNTU Branch

March 2023 – January 2024

Cultural and Social Activities Committee Member

SKILLS

Internet of Things (IoT)

ESP32 Microcontrollers

Computer Vision (OpenCV)

Artificial Intelligence

- Supervised Machine Learning
- Neural Networks
- Fuzzy Networks

Programming

MATLAB

Simulink

Python

C++

Java

SQL

Software

Proteus

Pspice

Arduino IDE

SolidWorks

DigSilent Power factory

Adobe Photoshop

Microsoft Office

COURSES

Applied Electronics for Robotics

June 2023

ARAS (Advanced Robotics and Automated System) | Hi-Tech Robotic Solutions

Introduction to the Internet of Things and Embedded Systems

August 2023

Coursera

Computational Neuroscience

September 2023

Neuromatch

LANGUAGES

English (scored 7.5 at IELTS mock test)

Persian (native)

German (elementary proficiency (A1))