Personal Information

📍 Tehran, Iran

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Skills

Electronics
- ARM / FreeRTOS
- AVR / PIC / Arduino
- Altium Designer
- Raspberry Pi
- Internet of Things
- FPGA

Machine Learning
- Sklearn / Spark MLlib
- TensorFlow / PyTorch
- Scrapy / Selenium / Beautiful Soup
- Tableau
- Amazon Web Services

Programming
- Python / R / MATLAB / JavaScript
- C / C++ / Cuda C
- SQL
- GIT
- GUI (Qt, Tkinter)
- Web Development (Flask)

Languages
- Persian (Native)
- English (C1)
- German (B2)

ARASH HEIDARI
Electronics and Machine Learning Engineer

ABOUT ME

I am a self-motivated and competent electronics and machine learning engineer. I have strong technical skills as well as excellent interpersonal skills, which enables me to interact easily with my colleagues and clients. I am eager to be challenged to grow and further improve my skills. My greatest passion in life is using my technical know-how to benefit other people and organizations.

WORK EXPERIENCES

Iran University of Science and Technology
Tehran
Jan 2019 – Present

Researcher
Helping PhD and Master student to complete their Machine Learning or Electronics Projects / thesis.
Instructing Electronics, Programming, and Machine Learning to students.

KookMobile
Tehran
May 2019 – July 2019

Translator
Translate more than 50 smart phone articles from English into Persian.

Iran University of Science and Technology
Tehran
Sep 2015 – Feb 2016

Teaching Assistant
Teaching Assistant in Computer Architecture Course

EDUCATION

Iran University of Science and Technology
Tehran
Sep 2016 – July 2018

MSc – Digital Electronics Systems
GPA: 18.27 out of 20
Thesis: DPA Resistance Cryptography for IoT Purposes.

Iran University of Science and Technology
Tehran
Sep 2012 – Sep 2016

BSc – Electronics
GPA: 16.19 out of 20
Thesis: Controlling of a Monitoring System Using Internet.