

Personal Information



Tehran, Iran



7/April/1994



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arashheidari



arashheidari94

Skills

Electronics

- ARM / FreeRTOS
- AVR / PIC / Arduino
- PCB Design
- Raspberry Pi
- Internet of Things
- FPGA

Machine Learning

- Sklearn / Spark MLlib
- TensorFlow / PyTorch
- Scrapy / Selenium / BeautifulSoup
- Tableau
- Amazon Web Services

Programming

- Python
- C / C++ / Cuda C
- R
- MATLAB
- SQL
- JavaScript
- GIT

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

Researcher (Jan 2019 – Present)

Iran University of Science and Technology

Helping PhD and Master student to complete their Machine Learning or Electronics Projects / thesis.

Instructing Electronics, Programming, and Machine Learning to students.

Translator (May 2019 – July 2019)

KookMobile

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

Teacher Assistant (Sep 2015 – Feb 2016)

Iran University of Science and Technology

Teacher Assistant in Computer Architecture Course

EDUCATION

MSc in Digital Electronic Systems (Sep 2016 - July 2018)

Iran University of Science and Technology

GPA: 18.27 out of 20

The Best Digital System Design Student of the Year

Thesis Topic: DPA Resistance Cryptography for IoT Purposes

Supervisor: Dr. Sattar Mirzakuchaki

BSc in Electronics (Sep 2012 – Sep 2016)

Iran University of Science and Technology

GPA: 16.19 out of 20

Thesis Topic: Controlling of a Monitoring System Using Internet

Supervisor: Dr. Sattar Mirzakuchaki