

Personal Information



Tehran, Iran



7/April/1994



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arashheidari



arashheidari94

Skills

Electronics

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

Machine Learning

- Sklearn / Spark MLlib
- TensorFlow / PyTorch
- Tableau
- Amazon Web Services

Programming

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

Languages

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

Please visit my website for more information:

heidariarash.github.io

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 Experience

*Iran University of
Science and Technology
Tehran*

Jan 2019 – Present

Researcher

My main responsibility was to help master's and PhD's students in their projects, theses, and seminars. Maintaining computers and equipment in the lab was my other responsibility.

*KookMobile
Tehran*

May 2019 – July 2019

Translator

I translated more than 50 articles about smartphones and other new digital types of equipment such as smartwatches from English to Persian

*Iran University of
Science and Technology
Tehran*

Sep 2015 – Feb 2016

Teaching Assistant

My main responsibility was to help students in the computer architecture course to pass the final test.

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 a Monitoring System with the help of Internet.