Personal Information

Tehran, Iran

7/April/1994

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Electronics Skills

ARM Microcontrollers
AVR, PIC, and Arduino
PCB Design
Raspberry Pi
Internet of Things
FPGA

Machine Learning Skills

Sklearn and Spark MLlib
TensorFlow, PyTorch, and Keras
Web Crawling (Scrapy and Selenium)
Tableau

Programming Skills

Python
C /C++ / Cuda C
R / MATLAB
SQL (PostgreSQL)
JavaScript (React Native)
GIT
AWS

Language Skills

Persian	Native
English	Very Good (C1)
German	Good (B2)

ARASH HEIDARY
Electronics and Machine Learning Engineer

ABOUT ME

I am a self-motivated and competent electronics engineer and data scientist. 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