

## Personal Information



Tehran, Iran



7/April/1994



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arashheidari



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## Electronics Skills

ARM / FreeRTOS

AVR / PIC / Arduino

PCB Design

Raspberry Pi

Internet of Things

FPGA

## Machine Learning Skills

Sklearn / Spark MLlib

TensorFlow / PyTorch / Keras

Scrapy / Selenium / BeautifulSoup

Tableau

## Programming Skills

Python / PyQt

C / C++ / Cuda C

R / MATLAB

SQL

JavaScript / React Native

GIT

AWS

## Language Skills

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

# ARASH HEIDARI

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