## Personal Information

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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
- 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

#### KookMobile

Tehran

May 2019 - July 2019

## Iran University of

Science and Technology

Tehran

Sep 2015 – Feb 2016

#### Researcher

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

Instructing Electronics, Programming, and Machine Learning to students.

#### Translator

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

#### Teaching Assistant

Teaching Assistant in Computer Architecture Course

## **EDUCATION**

# Iran University of Science and Technology

Tehran

Sep 2016 - July 2018

# Iran University of Science and Technology

Tehran

Sep 2012 - Sep 2016

### MSc – Digital Electronics Systems

GPA: 18.27 out of 20

Thesis: DPA Resistance Cryptography for IoT Purposes.

#### BSc - Electronics

GPA: 16.19 out of 20

Thesis: Controlling of a Monitoring

System Using Internet.