Arash Heidari

Machine Learning Engineer

Personal Information

Tehran, Iran

7/April/1994

Single

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Please refer to my website for more information:

heidariarash.github.io

About Me

I am a self-motivated and competent 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.

Education

Iran University of Science and Technology

Tehran, Iran

**Master's Degree
Digital Electronics Systems**

Sep 2016 – July 2018

GPA: 18.27 out of 20

Thesis: Emotion Recognition with Convolutional Neural Networks.

Iran University of Science and Technology

Tehran, Iran

**Bachelor's Degree
Electronics**

Sep 2012 – Sep 2016

GPA: 16.19 out of 20

Thesis: Controlling a Monitoring System with the help of Internet.

Skills

AI Fields

Machine Learning / Deep Learning
Computer Vision
Reinforcement Learning
GANs
Natural Language Processing
CNN / RNN / LSTM

Programming

Python
C/C++
JavaScript
R / MATLAB
SQL / MongoDB

Libraries and Frameworks

Numpy/ Pandas/ Matplotlib
TensorFlow / Keras / PyTorch
Scikit-Learn / Spark MLLib
OpenCV
NLTK / spaCy

GUI Design

Qt / PyQt
TKinter
React Native

Tools and Environments

Git / Docker
GPU (CUDA)
Linux
Amazon Web Services
Agile (Scrum / Kanban / Jira)

Languages

Persian (native)
English (pro)
German(pro)

Work Experience

Iran University of Science and Technology

Tehran, Iran

AI Researcher

Jan 2019 – Present

My main responsibility as an AI-Researcher was to carry out AI-based projects (mostly Computer Vision tasks) with the collaboration of PhD and Masters Student. Teaching machine learning, deep learning, and python programming was my other responsibility.

KookMobile Website

Tehran, Iran

Translator

May 2019 – July 2019

I translated more than 50 articles about smartphones and other new digital types of equipment such as smartwatches from English to Persian for the Kook Mobile website.

Iran University of Science and Technology

Tehran, Iran

Teaching Assistant

Sep 2015 – Feb 2016

My main responsibility was to help students in the computer architecture course to pass the final test. In the end, I developed a simple computer (presented in Morris Mano book) with Verilog HDL.
I must admit that the teaching assistant is not a job, but it was definitely an excellent experience.

Hobbies

I have many hobbies such as watching movies and series, reading books, etc., but learning new skills and gain knowledge about things I love to know about is the most valuable hobby I have. I love to read books about physics, genetics, and history. Playing sports such as Football (or as Americans say soccer) is another hobby I enjoy.