



Arash Heidari

About Me

I am quite fond of Artificial Intelligence; hence to become a specialist in this field, I started learning about it since I was studying my master's. I am familiar with most of the AI fields such as Deep Learning, Computer Vision, Reinforcement Learning, and Natural Language Processing. I also have 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. Apart from all of these, I am a good team-player, a fast learner, and an energetic person.

Personal Information



Tehran, Iran



7/April/1994



Single



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arashheidari



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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.

AI Fields

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

Programming

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

Libraries and Frameworks

Numpy/ Pandas/ Matplotlib / Seaborn / Plotly
TensorFlow / Keras / PyTorch
Scikit-Learn / Spark MLlib
OpenCV
NLTK / spaCy

Tools and Environments

Big Data (Hadoop / Spark)
Pipeline (TensorFlow Extended / Airflow)
Git / Docker
Cloud (AWS)
Linux
GPGPU (CUDA)
Tableau
Agile (Scrum / Kanban / Jira)

GUI Design

PyQt / TKinter
Electron
React Native

Languages

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

Work Experience

Iran University of Science and Technology

Tehran, Iran

KookMobile Website

Tehran, Iran

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.

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.

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.