

Amirali Sahraei




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Date of birth: 17/03/1998

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 [Access to my LinkedIn account](#)

 [Access to my GitHub account](#)

 Address: Turkey, Istanbul

RESEARCH INTERESTS

Machine Learning; Deep Learning; Neural Network; Data Mining; Big Data; Image Processing; Reinforcement Learning

EDUCATION

Master's Degree (Artificial Intelligence)

Kharazmi University [4/11/2020 – 31/01/2023]

Address: South Mofatteh St., Tehran, Iran, Tehran (Iran)

Khu.ac.ir

GPA: 17.68 / 20

Bachelor's Degree (Computer Engineering)

Mazandaran University [22/9/2016 – 22/9/2020]

Address: Shahid Zolfaghari Blvd., Mazandaran, Iran, Mazandaran (Iran)

Umz.ac.ir

GPA: 16.50 / 20 (2nd ranked)

HONORS AND REWARDS

Eligible to continue education in the Master's Program at the Department of Computer Engineering without taking the "National Entrance Exam for Graduate Schools", as a reward of having a total GPA of over 16. This outstanding academic achievement has earned me the honor of being granted direct admission to the master's study.

Ranked 2nd among more than 40 students of Computer engineering at the University of Mazandaran.

Passed undergraduate course without fail even in one class.

Ranked 900th among more than 860,000 participants in the Iranian University entrance exam for a bachelor's degree in Software Engineering.

WORK EXPERIENCE

Teacher of Solidity development boot camp

[Khajeh Nasir Toosi University of Technology](#)

City: Tehran

Country: Iran

I was a teacher for a few masters and bachelors in the Ethereum Blockchain Developer boot camp. During this boot camp, I taught developing smart contracts with Solidity language.

Solidity Developer

[Startup Studio Octa](#)

City: Tehran

Country: Iran

I have implemented a few smart contracts with Solidity also I have worked with erc-20 and erc-721 smart contracts, Remix as IDE, and MetaMask as a wallet.

Trainee Front End Developer

[Yaregan Software Company](#)

City: Tehran

Country: Iran

I have used Java Script, bootstrap, and HTML CSS to implement a few website templates also I have used Express (Node Js) to implement the back-end for these templates.

PROJECTS

FastAPI based app for Lung CT image classification.

Object detection in image and video (YOLO_V8).

Pose estimation.

Single Shot Face Recognition.

Face detection.

Breast cancer diagnosis.

Predict diabetes progression.

Image segmentation.

Image stitching, Image registration (OpenCV)

Spam email detection with ensemble learning (KNN, Neural Network, Bayesian).

Multi-class classifier to predict the tag of a programming question on Stack Overflow.

Text classification by Simple RNN, LSTM, and 1Dimentional Convolution for IMDB dataset (used Glove for embedding).

Predict electricity consumption by fuzzy sets (using Scikit-Fuzzy).

Implement Construction, Lottery, Voting, and Todo List smart contract with Solidity.

Implementation of an online shop for diving equipment (by Word Press).

DIGITAL SKILLS

Programming

Python / Java Script / Solidity / HTML CSS

Data Base

MySQL / Mongo DB

OS

Windows / Ubuntu

Libraries and Frameworks

Tensorflow(Keras) / Pytorch / OpenCV / Pandas / Matplotlib / Scikit-Learn / Express (Node Js) / Bootstrap / React Js (Java Script)

Software

MySQL workbench / Mongo DB Compass / Word Press / Photoshop

CERTIFICATES

Convolutional Neural Network, Coursera

[Certificate](#)

Sequence Models, Coursera

[Certificate](#)

Unsupervised Learning, Coursera

[Certificate](#)

Supervised Learning, Coursera

[Certificate](#)

Advanced Learning Algorithms, Coursera

[Certificate](#)

Machine Learning, SoloLearn

[Certificate](#)

LANGUAGES SKILLS

Mother tongue: **Persian**

Other tongues: **English (B2)**

PUBLICATIONS

Data analysis to reduce power plants

[2022]

At the [13th International Conference on Information and Knowledge Technology \(IKT\)](#)

My final thesis:

The optimal model for managing electricity consumption of Fardis division consumers based on machine learning

RECOMMENDATIONS

Name: Dr. Azadeh Mansouri

Email: a_mansouri@khu.ac.ir

Assistant Professor

Department of Electrical and Computer Engineering at Kharazmi University
[Profile](#)

Name: Prof. Mirsaeid Hosseini Shirvani

Email: mirsaeid_hosseini@iausari.ac.ir

Professor

Department of Electrical and Computer Engineering at Mazandaran University

Name: Dr. Iman Esmaili Paeen Afrakoti

Email: i.esmaili.p@umz.ac.ir

Associate Professor

Department of Electrical and Computer Engineering at Mazandaran University