



Monireh Yousefi

Data Scientist

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Summary

Graduate data scientist with a strong background in machine learning, having a good understanding of statistics, deep learning techniques, and especially computer vision algorithms. Eager to transition into other interesting fields like natural language processing (NLP) and trading data analysis. I have expertise in data analysis, modeling, and an insatiable drive for continuous learning. Ready to leverage my technical skills and analytical mindset to help the team reach its goals.

Work Experiences

Boursika Trading Platform

Amsterdam, Netherlands

Software Developer

Sep. 2022 - Apr. 2023

- Developed a crawler for fetching daily market data for more than 100 stocks.
- Designed a back-testing system to evaluate +20 different trading algorithms for each stock.
- Implemented web service for presenting evaluation results using FastAPI.
- Developed 8 different trading algorithms that each used a single indicator output for prediction.

Sepid System

Tehran, Iran

Data Science Intern

Mar. 2022 - Sep. 2022

- Converted a PyTorch model for face spoofing attack detection to TensorFlow and used it with TensorFlow Serving.
- Trained face recognition model with 98.7% accuracy.
- Applied data pre-processing techniques on more than 30GB of images for training.
- Achieved near 100% accuracy in signature recognition using transfer learning.
- Employed methods for processing video frames.

Education

Tehran University

Tehran / Iran

M.Sc in Information Technology

Sep 2019 - Sep 2022

- Thesis: Presentation Attack Detection based on Passive Methods for Face Recognition Systems.
- GPA: 3.92 / 4
- Teacher assistant of machine learning course.
- Teacher assistant of digital image processing course.
- Collected a dataset for Farsi lip reading project.

Ferdowsi University of Mashhad

Mahshad / Iran

B.Sc in Computer Engineering

2012 - 2017

- Project: Steering angle detection of self-driving car using neural networks.

Achievements

2021 **Scholarship**, Top Students Scholarship in Master's Program

Tehran

2019 **3rd among 10,000**, National Masters Degree Entrance Exam

Tehran

Languages

English Proficient

Persian Native