

Siavash Razmi

Tehran, Iran.

Website — GitHub — LinkedIn

SiavashRazmi74@gmail.com

EDUCATION

University of Tehran

Masters Degree, Computer science - Artificial Intelligence

September 2021 - Present

GPA: 4.0 (19.4/20)

University of Azad

Electrical Engineering

2014 - 2018

GPA: 3.9 (16.1/20)

RESEARCH INTERESTS

- Machine Learning
- Big Data
- Deep Learning
- Quantitative Finance
- Algorithmic Trading
- Financial Data science

EXPERIENCE

- **Research Assistant**, Social Network Laboratory *Sep 2021- Present*
Research on Available methods for Price Movement Prediction in Financial Markets, Developing New methods for Price Movement Prediction based on Machine learning Algorithms
- **Machine Learning Engineer**, Tensurf LLC. *Jul 2022 - Apr 2023*
Developing ML models for Price Movement Prediction in The Stock Market, Designing Trading Strategies based on those models, and Data Analysis on The Market Data (especially Limit-order-book and Market-by-order data)

COURSES

- **Machine learning** *GPA: 4.0*
Final Project: Musical Instrument Classification Using ML models.
- **Data Analysis** *GPA: 4.0*
Projects: Business Analysis of Online Travel Service Companies, Covid-19 Data Analysis, Spatial Data analysis using QGIS, QS' University Rankings Analysis.
- **Deep Neural Networks** *GPA: 4.0*
Projects: Synthetic Image Generation using GANs, Automatic Space Shuttle Landing using DDQN in Gym Environment, Stock Price Prediction Using Deep Recurrent Neural Networks, Text Generation using Deep Learning
- **Statistical Inference** *GPA: 4.0*
Projects: Data Analysis and Running Statistical Tests in R Language
- **Social Networks** *GPA: 4.0*
Final Project: Analysis of Twitter's Persian Users' Activities in Iran's 2022 Protests
- **Reinforcement Learning** *GPA: 4.0*
Final Project: Algorithmic Trading Robot Using DRQN

- **Advanced Robotic**

GPA: 4.0

Final Project: Robot Localization and Mapping Using Particle Filter Algorithm

TEACHING ASSISTANCE

- **Deep Neural Networks**, Dr.Ahmad Kalhor *Fall 2022*
Responsibility: I mentored the Students to Implement a Fraud Detection System for Credit Card Transactions using Neural Networks.
- **Deep Neural Networks**, Dr.Ahmad Kalhor *Spring 2023*
Responsibility: I mentored the Students to Implement a Violence Detection System for Video using Deep Neural Networks.
- **Statistical Inference**, Dr.Abdolhossein Vahabi *Spring 2023*
Responsibility: I mentored the Students to Learn about Non-Parametric Tests and their use in Real world Problems.

SKILLS

Technical

- | | | |
|-----------|--------------|--|
| • Python | • TensorFlow | • Social Network Analysis
(Gephi, NetworkX, igraph) |
| • R | • SQL | |
| • PyTorch | • Git | • Linux |

Soft Skills

- | | |
|-------------------|----------------------------|
| • Team Work | • Time Management |
| • Problem-Solving | • Adaptability/Flexibility |

Languages

- English (Fluent)
- Persian (Native)

AWARDS

- Ranked 32nd in the Masters Level University Entrance Exam (Among Approximately Twelve Thousand People).