Sajad F. Maghrebi

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PERSONAL

First Name: Sajad
Last Name: Faghfoor Maghrebi
Age: 21 years old
Current Degree: B.Sc. in Computer Engineering & minor of Economics
LinkedIn Page: Link to my LinkedIn

EDUCATION

2019 – Present | Minor In Economics (4th - 6th semester)
- Areas of Interest: Quant Finance, Econometrics
- Current Overall Grade: 19.82/20

2018 – Present | B.Sc. In Computer Engineering (1st - 6th semester) | Sharif University of Technology
- Area of Interest: Algorithms | Complex Networks | Artificial Intelligence
- Current Overall Grade: 18.1/20 | Last Semester Grade: 19.53/20

2012 – 2018 | Diploma of Mathematics and Physics | Allameh Helli 3

PROJECTS

2021 – Present: Stable-Coin Scalp Trading System
- Build and Evaluate multiple Trading Strategies
- Minimize the risk of each strategy
- Optimize the best trading strategy
- Make an automated Artificial Intelligent Robot to manage orders (OMS)

2020 – 2021: Stocks Information Retrieval System
- Candlestick daily data retrieval for all tickers and indices
- Intra-day data (bid, ask and all executed orders) using Crawling
- Fundamental Data
- Make the System Robust by using multiple source and concat them together to form finalized valid data for each ticker

2021 – 2021: Crypto Arbitrage System
- Code the Algorithm part of the System for Intra-Exchange Arbitrage (finding valuable loops and find the optimized to trade)
- Financial Assistance for the Inter-Exchange Arbitrage

WORK EXPERIENCE

2021 - Present | Co-Founder and Algorithm Engineer at GoldScan
GoldScan is a start-up company currently active in the cryptocurrency, forex, Iranian Stocks Exchange(derivatives and base asset), working on arbitrage, scalp, short/long term trading strategies and other potentials of the market using automated and quantitative approaches.

2020 - Present | Research Assistant at IPM
Research in the field of Complex Networks supervised by Dr. Samira Hossien-Qorban and Bardya Hesam directly and by Prof. Hamid Sarbazi Azad indirectly. Test and simulate pure theoretical proofs on different Network Structures(small world, Scale-free, Erdos-Renyi) and check out the impacts on the degree of Synchronization.

June 2020 - October 2020 | Intern at Hooshpardaz
I had been working in this company as an intern which want to deploy Algo-Trading in the United States stock market. I had audited some valuable online courses and had been guided over my activities in the field of AI during the internship. Many of well-known Sharif University of Tech professors are working as supervisors in this company like Mahdieh Soleymani and Hamid Behroozi.

2018 - 2020 | Teacher at Allameh Helli
Teach Stock Market analysis using Pine and Python. Pine is a specialized language used to write scripts that can deploy indicators and strategies. Teach Filter Design using Python and tsetmc.com default filtering platform based on java-script.

2018 - Present | Teacher Assistant at SUT
- Modern Information Retrieval - Dr. Fatemeh Lashkari
- Artificial Intelligence - Dr. Mohammad Hossien Rohban
- Data Structures and Algorithms - Dr. Masoud Seddighin
- Algebra - Dr. Hossien-Qorban
- Math II - Dr. Saeed Akbari

LANGUAGE SKILLS
- English: Fluent
- Persian: Native Speaker

HARD SKILLS
Python • R • Matlab • Java • C++ • Microsoft EXCEL/PPT/WORD • Statistics • Machine Learning • Deep Learning • Financial Markets • Trading • Risk Management

SOFT SKILLS
Leadership • Interpersonal Skills • Team Building • Teaching • Team Work

HONORS AWARDS
2018: ranked 6th in National University Entrance Exam, Iran
2017: Nominated for Best Project at Khwarizmi Award

INTERESTS
Finance • chatbot • NLP • ML • Deep Learning • HFT • Computer Hardware • Data Science • Math • Linguistics

IMPORTANT COURSES
Computer Architecture - Hossein Asadi - Sharif University Of Tech • Computing in Python IV: Objects Algorithms - GIT - edX • Engineering economics - Siyavash Valizadeh Khaki - Sharif University Of Technology • Financial Markets - Robert Shiller - Yale University • Introduction to High-Performance and Parallel Computing - University of Colorado Boulder • Machine Learning - Andrew Ng - Stanford University • Modern Information Retrieval - Mahdieh Soleymani - Sharif University of Technology • Network Theory - www.systemsinnovation.io • Optimization - M. Shariat Panahi - University of Tehran • Philosophy of Science - Javad Akbari - Sharif University Of Technology