ABHISHEAK MALL

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Education

BEng in Computer Science, Hong Kong University of Science and Technology   09/2016 – 07/2020
Minor in Big Data Technology
Highlights: Research Assistant, Student Ambassador, University Scholarship

Work Experience

Lead Software Engineer, Aris Intelligence Corporation   09/2018 – Present

- Developed low-latency systems in C++ for high-frequency trading and market making in cryptocurrency markets
- Designed and developed data collection pipelines to collect tick data for FX, CFDs, and cryptocurrencies
- Created an automated yield optimiser to maximise returns in lending and farming protocols across EVM chains
- Developed MEV bots in Go for short term strategies

Data Science Intern, Squared-S Artificial Intelligence   06/2018 – 09/2018

- Implemented an NLP based dashboard in Python for visualising various financial products with respect to global news and trends
- Analysed cryptocurrency and forex market data to identify potential arbitrage opportunities

Web Developer Intern, AppIt   06/2017 – 08/2017

- Designed and developed front-end applications using HTML/CSS/Javascript
- Reached front-page on Google search after developing an effective SEO strategy with the marketing team
- Created full-stack web applications using Flask and NodeJS
- Reduced loading time for the company webpage by 70%

Research

Research Assistant, Hong Kong University of Science and Technology   06/2018 – 09/2018

- Researched applications of knowledge graphs in the financial space
- Wrote queries to fetch inter-company relationship data from WikiData
- Implemented a knowledge graph to visualise networks of relationships between publicly traded companies in the U.S

Professional Skills

Programming	Python • JavaScript • golang • C++ • MQL4 •
Frameworks	Flask • Pytorch • Plotly Dash • MongoDB • Web3
Concentration	Algorithmic Trading • Data Engineering • Blockchain Technology
Others	Git • Linux • Jira • AWS