REHAN MAHMOOD

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SKILLS Technical

- ReactJS
- Python
- Node
- MongoDB
- Git
- HTML + CSS
- SQL
- REST API

Product

- SaaS Sales
- User Acceptance Testing
- Stakeholder presentations
- Project Management
- Prototyping
- Usability Testing
- Customer Engagement

EDUCATION

University of Toronto

Computer Science, 2016-2018

Sheridan College

Information Systems Security 2019-Present

Relevant Courses: Data structures & algorithms,C programming, Java programming, PythonUI/UX design, Software design, Systems programming, Programming on the web.

EXPERIENCE

Software Engineer Intern | AxSource

May 2019 - May 2020

- Responsible for designing, implementing, and governing Azure cloud solutions.
- Responsible for API end-point design & ERP software integration with client enterprises.
- Outlined project scope, communicated updates to stakeholders, and released content in an iterative manner.
- Analyzed market trends on technology and business processes to determine future visions for the company's ERP software.
- Increased product reliability by performing UAT over 15 difference user scenarios, resulting in bug fixes and holistic understanding of user issues.

PROJECTS

Sapphire Trading Terminal

- Developed a trading terminal using ReactJS, Node, C, and several APIs to assist day-traders in the Foreign Exchange Market.
- Features include real-time economic data, news headlines, live tweets from political figures, technical analysis UI, and direct market order execution.
- Allows traders to conduct both technical and macro-economic analysis of the markets on a single platform.
- User authentication & database using Firebase.
- Implemented a FIX API to conduct financial transactions with Forex Brokerages and Prime Liquidity Providers.

Market Sentiment Algorithm

- Algorithm provides dovish or hawkish market sentiment on major currency pairs & GOLD.
- Developed in python using TensorFlow and SKlearn machine learning libraries.
- Trained the algorithm using historical and present economic news and price action datasets.

Stock Predictor

- Machine Learning based algorithm to predictor future price based on historical data
- Developed in python using TensorFlow and SKlearn machine learning libraries.
- Neural Network trained on Gold (XAUUSD) dataset
- Export prediction into a .txt file as well as render matplotlib graph.