Zain Huda

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SKILLS

Machine Learning
Data Science & Analytics
Web Development
Data Structures and Algorithms
Mobile Development
Public Speaking

TECHNOLOGIES

LANGUAGES
Proficient
Java • Python • JavaScript • C
Go • CSS
Familiar:
Solidity • C++ • Vyper

MACHINE LEARNING
TensorFlow • Keras • Sci-kit Learn
Jupyter NoteBook

WEB DEVELOPMENT
React • Express • D3
Mongo • Node • AWS

EDUCATION

WESTERN UNIVERSITY & IVEY BUSINESS SCHOOL
BS in Computer Science
HBA - Business Administration
April 2021 | London, ON
Dean's List (All Semesters)
Cum. GPA: 3.87 / 4.0
Major GPA: 4.0 / 4.0

COURSEWORK

Machine Learning
Data Structures and Algorithms
Full Stack Web Development

INTERESTS

Martial Arts
Soccer
Basketball
Cryptocurrencies
Competitive Gaming

PROJECTS

MACHINE LEARNING TRADER | Personal
August 2018
- Using **Keras** , **TensorFlow**, and Catalyst trading library, created a trading bot in Python that automatically buys and sells Bitcoin/Ethereum
- Implemented an **LSTM** model to predict time series of Bitcoin and Ethereum
- Implemented **q-learning** technique to trade bitcoin/ethereum in the short term
- Created a web-app to visualize performance of trading strategies using **React**, **Node**, and **d3**

CRYPTOCURRENCY PORTFOLIO TRACKER | Personal
June 2018
- Created mobile app using **React Native** and **Redux** for individuals to keep track of cryptocurrency investments
- Using wallet addresses, users can have the app track when they sell or buy cryptocurrency.
- Implemented OAuth using **Firebase**
- Support for over 500 currencies

OPENNOTES | Hackathon
May 2018
- Open source note sharing app allowing students to upload notes with ease through the use of Google Drive API
- Created a ranking system to allow users to distinguish well written notes
- Created in 24 hours using **React**, **Node**, **MongoDB**, and **Express**

LEADERSHIP

BOW RIVER HEARING | Web Developer
August 2018 – Present | Calgary, AB
- Overhauled website to accommodate the increasing age demographic to deliver a unified and easier user experience; implemented website optimization techniques to have pages load 15% faster
- Reworked internal reporting systems to help providers track their sales, lost opportunities, and areas of improvement
- Automated KPI tracking system to increase efficiency and productivity, saving providers 30% of their time during the day.

WESTERN FOUNDERS NETWORK | VP Projects
May 2018 – Present | London, ON
- Assembled a team of 5 first year students to lead them through the stages of a start-up teaching them the fundamentals for success.
- Lead demo days, pitch days, and monthly progress meetings to crowd source challenge troubleshooting and company advice
- Accepted into Y Combinator Startup School program

AWARDS

2017   Farida and R.K. Rahemtulla HBA Scholarship. Valued at $15000
2017   Western Continuing Admission Scholarship, Valued at $10000
2016   Spirit Award, awarded by Junior Achievement