Zain Huda

zainhudayyc@gmail.com | 587-889-4821

SKILLS

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

TECHNOLOGIES

LANGUAGES
Proficient
Java • Python • JavaScript • Go
CSS • HTML5
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: 3.9 / 4.0
Major GPA: 4.0 / 4.0

COURSEWORK

Machine Learning
Data Structures and Algorithms
Full Stack Web Development

INTERESTS

Martial Arts
Basketball
Cryptocurrencies
Competitive Gaming

EXPERIENCE

WESTERN FOUNDERS NETWORK | VP Projects
May 2018 – Present | London, ON
- Assembled a team of 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 notify club of progress and discuss challenges.
- Accepted into Y Combinator Startup School program.

GLOW | VP of IT
October 2016 – May 2017 | Calgary, AB

- Won Company of the Year, the highest award a company can achieve in the program.
- Managed and created the social media, brand presence, website, and internal tech systems for company.
- Averaged over 1000 impressions per social media post.
- Created system to track and project sales. Achieved an 85 percent ROI and over $2000 in revenue.

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, NodeJS, MongoDB, and Express.

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