

# 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 • 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

## 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

## LEADERSHIP

### 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

## 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