

Shaheer Hashmi

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Education

York University

Honors Bachelors of Science in Computer Science

Toronto, ON

2022 - 2026 (Expected)

Technical Skills

Frameworks: ReactJS, Flask, Bootstrap, .NET

Soft Skills: Problem solving, Time Management, Critical thinking, Work Ethic, Strong Collaboration

Languages: Java, Python, HTML, CSS, JavaScript, C#

Course Certifications: Algorithmic Trading Course Certification, Intro to Python Course Certification, Algorithmic Trading Course Certification, Intro to JS/HTML/CSS Course Certification.

Projects

Stock Trading Bot | Python, QuantConnect API

Nov 2024 - Jan 2025

- Designed and implemented an automated trading bot in **Python** using the **QuantConnect API**, focused on **NVDA** stock with a **moving average crossover** strategy
- Utilized 10-day and 30-day SMA indicator to generate buy/sell signals
- Enabled full **back testing** over historical data to assess strategy performance
- Actively improving logic to enhance decision-making and reduce false signals

Stock Price Predictor | Python, Scikit-learn, yFinance, Matplotlib

Dec 2024

- Built a **machine learning model** to predict **Apple (AAPL)** stock prices using **Linear Regression** on 50-day and 200-day moving averages
- Engineered features from historical data (2010-2020) using the **yFinance API**, and evaluated model performance with **Mean Absolute Error (MAE)**
- **Applied train-test split for time series integrity and visualized predictions using Matplotlib**

Experience

Summer Camp Organizer

June 2021 - Aug 2021

FRC (First Robotics Competition)

Mississauga, ON

- Conducted an entertaining online camp in which students learned **computational thinking** and basic **Python** programming.
- Establish a summer camp to provide youngsters with **STEM** experience
- Coordinated critical camp elements, such as the establishment of a sign-up form and social media promotion, in order to meet the goal attendance of 25.
- Created a curriculum based on FRC rules that incorporated Scratch and PixelPAD exercises.

Tutor

July 2021 - Present

Clear Concept Tutoring

Mississauga ON

- Tutored kids in grades 9 - 11 in various academic courses (Function, Chemistry, and Computer Science)
- Tracked learning progress to identify opportunities to enhance tutoring methods and help students in achieving their goals
- Worked in small groups to help students improve their collaboration, communication, feedback, and overall interpersonal skills