

## Education

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### **Queen's University, Kingston, ON**

Bachelor of Computing (Honours) - Specialization in Artificial Intelligence

Sept 2020 - present

- Dean's Honour List (2021-2022)
- **Relevant coursework:** Algorithms, Data Structures, Operating Systems, Software Quality Assurance, Software Architecture, System-Level Programming, Artificial Intelligence, Statistics

## Technical Skills

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**Programming:** Python, Java, JavaScript, C, C++, Bash, C#, x86 Assembly, HTML/CSS, Arduino

**Tools:** NodeJS, ReactJS, Flask, MongoDB, Pytest, MySQL, git, Unity, Numpy, Excel, Windows, Linux, QuantConnect, LEAN Engine, Quandl, Stream.io, Vercel, Heroku

**Soft Skills:** Interpersonal Communication, Writing, Time Management, Storytelling, Leadership, Agile Development, Waterfall, Iterative, Scrum, Black/whitebox testing, Googling

## Experience

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### **Queen's University Algorithmic Network & Trading Team, Kingston, ON**

General Member

Sept 2022 - present

- Tracking economic factors in Tech (Layoffs, CPI numbers, etc) and Real Estate (Interest rates) to filter securities into smaller universes to then apply technical analysis.
- Used a Simple Moving Average (SMA) strategy paired with Relative Strength Index (RSI) indicators, we would then trigger a short sale on individual securities.
- Backtesting shows 18% returns over the 2020-2023 period

### **Queen's Web Development Club, Kingston, ON**

Backend Web Developer

Jan 2023 - present

- Part of a team developing websites for various clients in the Queen's University community.

### **Metro Inc, Toronto, ON**

Front end clerk

July 2019 - Sept 2020

- Running cash registers, and self checkout at grocery store in downtown Toronto

### **JA Scotiabank, Toronto, ON**

Web Developer

July 2018 - June 2019

- Worked in a small team to develop the Frontend and Backend for a merchandising startup's website (The primary function of the website was marketing and sales)

## Projects

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**QBNB - Airbnb clone:** Flask, Python3, Mongoengine, Pytest, Linux

**Eight Queens Problem - Logic modelling:** Python3, Bauhaus propositional logic, Jape, Linux

**AdChat - Basic messaging app / Discord Clone:** NodeJS, ReactJS, ExpressJS,

**myLibrary - Personal Book manager:** C++, MySQL, Sqlite3, Qt

**Forest Rumble - Unity Game:** C#, Unity, HTML

**Toteworthy - merchandise company website:** ReactJS, NextJS, HTML, CSS