

Sam Zhang

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EDUCATION

McGill University

Montreal, QC

B.A., Computer Science; Minor in Statistics

Aug. 2022 – May 2025 (Expected)

GPA: 3.88/4

Champlain College

St-Lambert, QC

DEC, Social Science: Commerce

Aug. 2020 – May. 2022

Social Science Certificate of Merit: Highest Achievement in Economics

PROJECTS

Face-Recognition System | *Python*

Dec. 2022 – Present

- Presently in the research stage of a face-recognition system for my house's security camera that allows the camera to distinguish whether a person detected is a registered family member or a non-member and sends the appropriate notification to the user.
- Currently building a demo of face-detection and face-marking in security camera footages using OpenCV.

STONK | *Python, SQLite*

Dec. 2022 – Present

- Built a Discord chat bot with the Discord.py library and yfinance API that allows for retrieval of stock market information via user interactions.
- Implemented a feature where users can retrieve individual stock and index prices via a text command.
- Implemented a feature where the bot sends market prices and other relevant market information at 4:00 PM on every trading day in registered chatrooms stored in an SQLite database.

DrooVE | *JavaScript, Node.JS, HTML/CSS*

Nov. 2022

- Award: Best Beginner Hackathon Project - McGill CodeJam12
- Lead the backend development of a web-app that recommends a smart itinerary for truck drivers based on various user inputs.
- Created an algorithm that combines data from two Google Maps APIs to obtain information on all rest areas along a route.
- Created an algorithm that finds the driver's position after a given drive time and the closest rest area to said position.

EXPERIENCE

Waiter

Oct. 2019 – Sept. 2020

Ramen Isshin

Montreal, QC

- Take and serve food and drink orders.
- Recommend products to customers based on their interests; upsell when appropriate.

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, TypeScript, Java, C++

Databases: SQLite, PostgreSQL

Frameworks: Node.JS

Tools: Git, HTML/CSS, \LaTeX

Languages Spoken: English, French, Mandarin, Cantonese