

Sam Zhang

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EDUCATION

McGill University

Montreal, QC

B.A., Computer Science; Minor in Statistics

Aug. 2022 – May 2025

Champlain College

St-Lambert, QC

DEC, Social Science: Commerce

Aug. 2020 – May. 2022

Social Science Certificate of Merit: Highest Achievement in Economics

PROJECTS

STONK | *Python*

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 open and closing market prices in a chatroom at 9:30AM and 4:30PM every business day.

Cringe Bot | *TypeScript, Node.JS, PostgreSQL*

Nov. 2022 – Present

- Built a Discord chat bot with the Discord.JS library that allows for various user interactions.
- Implemented a feature that allows users to map their LeetCode username to their Discord ID in a database and retrieve their total problems solved in the chat.
- Implemented a feature that allows users to request a randomly selected roast phrase from the 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.
- 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.
- Made an API that stores the fetched and processed data

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, Typescript

Databases: PostgreSQL

Frameworks: Node.js

Tools: Git, HTML/CSS, L^AT_EX

LANGUAGES SPOKEN

English: Fluent

French: Fluent

Mandarin: Native

Cantonese: Native