

Sam Zhang

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EDUCATION

McGill University

Montreal, QC

B.A., Joint Computer Science and Statistics

Sept. 2022 – May 2025 (Expected)

GPA: 3.94/4

Champlain College

St-Lambert, QC

DEC, Social Science: Commerce

Aug. 2020 – May. 2022

Social Science Certificate of Merit: Highest Achievement in Economics

EXPERIENCE

Incoming Software Developer Intern

Sept. 2023 - Apr. 2024 (Expected)

Ceridian

Toronto, Canada (Remote)

- Will be interning as a full-stack software developer at Ceridian during Fall 2023 and Winter 2024.

Machine Learning Intern | TensorFlow, Python, Scala, Java, SQL

May. 2023 - Aug. 2023

Meituan

Shanghai, China (On-Site)

- Contributed to Meituan, the largest local life service platform in China's advertisement recommendation system's development.
- Participated in the research and development of the click-through rate (CTR) model for the Dianping app's homepage ads.
- Conducted offline experiments related with the goal of fine-tuning the model's understanding of the ad and the ad-user context, thereby improving its performance in CTR predictions.
- Performed big data analysis and feature engineering using the **Hadoop ecosystem (Hive, Spark, ...)**
- Modeled, trained, and tuned the models using **TensorFlow**.

PROJECTS

mcgill.courses | TypeScript, React, TailwindCSS, Rust, MongoDB

April. 2023 - Present

- Developed an open-source, ad-free search and review platform for courses offered and instructors teaching at McGill University.
- Responsible for the front-end development of the website using **TypeScript**, **React**, and **TailwindCSS**.
- Collaborated with the back-end, interacting with the **Rust** and **MongoDB** components through REST APIs.

STONK | Python, SQLite

Dec. 2022

- Created a Discord chat bot using the Discord.py library and the yfinance open-source library, enabling users to query live and historical stock market information.
- Implemented a robust stock information retrieval mechanism and a subscription system for users to receive automatic notifications on market trends.

TECHNICAL SKILLS

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

Databases: SQLite, PostgreSQL, MongoDB

Frameworks & Libraries: React, TailwindCSS, TensorFlow

Tools: Git, HTML/CSS, L^AT_EX, Spark, HDFS

Languages Spoken: English, French, Mandarin, Cantonese