

Education

York University, Computer Science

Sep 2021 - May 2025

- (Co-founder) - Arise Student Club ([LinkedIn](#))
- BEST(Bergeron Entrepreneurs in Science and Technology) Program Attendee

Skills

Languages: TypeScript, JavaScript, HTML, CSS, Java, Python, Shell, C, SQL, JSON, jQuery

Tools: React, Node.js, NumPy, Svelte, Pandas, Jira, Aws CDK, Aws Lambda, Git, Android Studio, Tailwind CSS, Axios, PostgreSQL

Concepts: Agile Methodology, RestAPI, Unit Testing, Data Visualization, Data Analysis, Machine learning

Experience

Software Developer Intern, Zyfera, Toronto, ON

Jan 2024 – Aug 2024

- Contributed to the full software development lifecycle of an AI application, from conceptualization to deployment.
- Utilized **Pandas** and **sklearn** for managing datasets for model training, enhancing application efficiency.
- Developed a responsive and interactive frontend using **Svelte,TypeScript**.
- Strengthened backend operations with **Python Lambda** and **PostgreSQL** integration.

Research Assistant, York University, Toronto, ON

Mar 2024 – May 2024

- Assisted the project team in the development of **interface design** for an accessibility-focused application.
- Developed the **application** based on research insights, ensuring inclusivity for disabled and neurodiverse students by translating complex guidelines into user-friendly features.

Computing Support Assistant, York University, Toronto, ON

May 2023 – Present

- Delivered hands-on **technical assistance**, resolving **software and hardware issues**, enhancing **network connectivity**, and deploying equipment.

Space And Exam Monitor, York University, Toronto, ON

Sep 2022 – Apr 2023

- Enforced examination rules and regulations to uphold exam integrity for a substantial cohort of over 5000 students registered with accessibility services.
- Designed and implemented an exam reminder app using **React**, tailored to the unique reminder needs of students writing exams in alternate exam centers.

Projects

School Management System – Java

([Github](#))

- Built a comprehensive school management system with modules for enrollment, grades, and staff administration, emphasizing scalability and maintainability through **Java object-oriented programming** principles and **Junit testing**.

Moneyball-Scout-ML – Pandas, Numpy, Matplotlib, Seaborn

([GitHub](#))

- Developed a Python-based, Moneyball-inspired **machine learning model** using **Pandas, NumPy**, and **sklearn** to analyze football player metrics, identifying undervalued talent by aligning on-field performance with market valuations.

Exam Reminder App – React, Express.js, Node.js

([Github](#))

- App with **React, Express.js**, and **Node.js**, delivering personalized reminders and real-time exam duration tracking for students in special rooms.

Fisor App – React, Tailwind, OpenAI API

([Github](#))

- Currently Developing an app utilizing **React** and integrating **OpenAI API** to create a financial advisor tool for car buyers, enabling them to calculate present value, maintenance costs, gas expenses, and perform comparative analysis of different vehicles, offering tailored recommendations based on available capital.