

Education

York University, Computer Science

Sep 2021 - Dec 2025

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

Skills

Languages: TypeScript, JavaScript, Java, Python, C, Shell, SQL, HTML, CSS, JSON, jQuery**Frameworks & Libraries:** React, Node.js, Svelte, Tailwind CSS, NumPy, Pandas, Axios, Spring**Tools & Platforms:** Git, Docker, AWS CDK, AWS Lambda, Jira, Android Studio, PostgreSQL, Vercel**Methodologies & Concepts:** Agile Methodology, RESTful API Design, Unit Testing, Data Visualization, Data Analysis, Machine Learning

Experience

Research Assistant, York University, Toronto, ON

Mar 2024 – Apr 2025

- Worked between **Mar – Jul 2024** and **Nov 2024 – Apr 2025**, assisting the project team in the development of **interface design** for an accessibility-focused application.
- Developed a **Next.js** application based on research insights, ensuring inclusivity for disabled and neurodiverse students by translating complex guidelines into user-friendly features.

Jump Start Your Career Program, PwC Canada, Toronto, ON

Oct 2024 – Apr 2025

- Completed **AWS Cloud Practitioner** certification.
- Pursuing **AWS Solutions Architect Associate** certification.
- Participated in mentorship sessions and employer-valued training, gaining insights into technical and business environments with a focus on cloud computing and technology consulting.

Software Developer Intern, Zyfera, Toronto, ON

Jan 2024 – Aug 2024

- Built **Fisor**, an AI-powered financial calculator, using **Svelte**, **TypeScript**, and **PostgreSQL**, from concept to deployment.
- Utilized **Pandas** and **scikit-learn** for managing datasets for model training, enhancing application efficiency.
- Developed utility functions and algorithms in **TypeScript** to simplify complex financial calculations, optimizing prompts to the **OpenAI API** and potentially reducing call expenses by 10–30%.
- Developed a responsive and interactive frontend using **Svelte**, **TypeScript**.
- Optimized backend performance by integrating **Edge functions** with **TypeScript** and **PostgreSQL**, significantly reducing processing times for complex financial calculations.

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.

Projects

Weddify – React, Next.js

[\(Github\)](#)[\(Website\)](#)

- A personalized wedding RSVP and invitation website using **React**, **Next.js** and **PostgreSQL**. It offers the ability to create customized invitations, manage guest lists, and collect RSVPs effortlessly.

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.

my-commerce – Next.js, TypeScript, Node.js, PostgreSQL

[\(Website\)](#)

- Developed an e-commerce platform with **Next.js**, **Tailwind CSS**, **Node.js**, and **PostgreSQL**, featuring user authentication, product browsing, shopping cart management, secure checkout, and role-based access for inventory and analytics.

note-summarizer-ai – Next.js, Node.js, Express, LangChain, OpenAI API

[\(Github\)](#)

- Designed an AI-powered tool to assist neurodiverse students by converting PDF and text lecture notes into structured, accessible summaries with interactive visual outputs.