

## EDUCATION

## University of Toronto

GPA 3.9/4.0 – Bachelor of Science, Computer Science Specialist &amp; Math Major

Mississauga, Canada

Dean's List Scholar

## TECHNICAL SKILLS

**Languages** : Python, Java, JavaScript, HTML, CSS, SQL, LaTeX  
**Frameworks** : Django, Flask, Tailwind, Bootstrap  
**Technologies** : PostgreSQL, Supabase, AWS, Redis, Google Cloud Platform, Git, Power App/Automate  
**Certificates** : AWS Certified Cloud Practitioner

## WORK EXPERIENCE

## Vice President of Technology

UTMSAM

May 2025 – Present

Hybrid – Toronto, Canada

- Maintain the front-end and back-end of the [UTMSAM website](#) using [WordPress](#)
- Lead a team of technical associates to run [EmberHacks hackathon](#) for students across three UofT campuses
- Host workshops on solving [LeetCode questions](#), using AI and quantitative tools ([MATLAB](#), [SageMath](#), and [LaTeX](#))

## Standard Operation Procedure Intern

TRG International (Full-time)

May 2025 – Present

On-site - Ho Chi Minh, Vietnam

- Create a [Flask](#) application to simulate real-time git-diff functionality for Word documents using polling techniques
- Develop 2 Power Platform bots, sending weekly Teams messages to up to 200+ employees about upcoming events
- Produce, manage and update high quality SOP documents across departments: Marketing, Sales, and HR
- Represented TRG at Greenwich Career Fair, achieving "Most Interactive Company" title with [150+ applicants](#)

## Computer Science and Mathematics Mentor

University of Toronto &amp; British International School

September 2022 – Present

Hybrid - Toronto, Canada

- Conduct weekly tutoring sessions for first-year students in [Computer Science](#) (OOP and DSA) and [Mathematics](#)
- Instructed [30+ secondary students](#), resulting in an average [10% improvement](#) in grades

## Design Technology Ambassador

British International School

November 2022 – May 2024

On-site - Ho Chi Minh, Vietnam

- Facilitated [3 departmental welcoming events](#), introducing [120+ parents and students](#) to Design Technology
- Showcased engaging presentations and interactive [3D softwares](#), including aluminum die-casting workshops

## PROJECTS

## Organese

Python+Django, JavaScript, Bootstrap5, PostgreSQL+Supabase

[Source Code](#)

- Built a [full-stack scheduler](#) using [Django REST Framework](#). Users can create, share timetables, and make bookings
- Developed [RESTful APIs](#) to handle [CRUD](#) operations on timetable entries, guest bookings, and user settings
- Improved responsiveness with real-time rendering by using [Bootstrap5](#) and [AJAX](#) interactions
- Implemented a [relational database schema](#) using [Django ORM](#) to support multi-timetable functionalities

## Job Hunter

Python+Django, JavaScript, PostgreSQL, AWS EC2, NPTK, Matplotlib

[Source Code](#)

- Designed a [Django-based job scraping and analysis tool](#) across platforms (LinkedIn, Indeed, Google)
- Engineered a cover letter generator using keyword extraction and [NLP](#), saving users [90%](#) of manual writing time
- Visualized market trends using [Matplotlib](#) and [Chart.js](#). Highlighted top skills and demanding technologies
- Stored job listings using [PostgreSQL](#) and [Supabase](#). Deployed the web application using [AWS EC2](#)

## Youtube as a Service

Python, JavaScript, Tailwind, Google Cloud, OpenCV, Numpy

[Source Code](#)

- Created a pipeline to compile files into Youtube videos, allowing unlimited storage space and [lossless decoding](#)
- Produced compression-tolerant algorithm, achieving [99.9%](#) accurate bit-level file recovery
- Implemented frame optimization, resolution tuning, and error correction for high-resolution files

## OTHER EXPERIENCE

## Content Creator &amp; Video Editor

May, 2020 – July, 2024

- Managed a YouTube channel with [14,000 members](#), [3 million viewers](#), with [4 years](#) of video editing experience

## Create and Care Club Leader

September, 2022 – January, 2024

- Led [team of 8](#) to teach [20 students](#) product design; sold at [3 events](#) with [2,000+ guests](#), generating [\\$1,200 revenue](#)