

Benjamin Tsang

benjamin.tsang@mail.utoronto.ca | 437-432-5695 | [LinkedIn](#)

Education

University of Toronto Mississauga

Mississauga, Ontario

Bachelor of Science in Computer Science. CGPA 3.89

Expected Graduation Date: May 2027

ESF Sha Tin College

Hong Kong

International Baccalaureate Diploma 44 out of 45 points

June 2023

Experience

Kantar Group

Hong Kong

Quantitative Research Team Intern

June 2024 - August 2024

- Performed data cleansing, analysis and visualization on large amounts of survey data for client companies, forming reports that inform their marketing decisions.
- Built Excel macros and VBA scripts to streamline data processing and automate conversion calculations.
- Engineered a Flask and SQL-based web application hosted on the company intranet to help automate data processing and project management tasks.

SustainaPod

Remote

Software Engineer

May 2024 - Present

- Developing an educational platform to teach students about career paths in sustainability.
- Built with a TypeScript and React frontend, styled using Tailwind CSS, and powered by a Node.js backend.

Oxbridge Academia

Hong Kong

Math, Physics and Computer Science Tutor

May 2023 – December 2023

- Elevated IGCSE and IB students' understanding of math, physics, and computer science by tailoring one-on-one and group tutoring sessions, resulting in significant academic improvement.

RaSpect Intelligence Inspection

Hong Kong

AI Research Intern

June 2021 – July 2021

- Assisted in fine tuning the AI defect detection model through capturing images of facades for data collection and engaged in data cleansing and labeling.

Coding Projects

EduGlow

February 2024

- AI powered web application that can automatically generate flashcard sets and google slide presentations for active and passive learning based on user prompts.
- Frontend using HTML and CSS; backend using OpenAI GPT4 API, Google Slides API and Google Image Search API

MailSpot

- Web application which fetches user emails and sorts them with sentiment analysis, helping customer service representatives address the most urgent customer concerns first.
- Front-end using ReactJS; backend using Flask, SQL and SQLAlchemy; sentiment analysis using Python's VADER NLP library.

Leadership & Activities

ESF Computing Conference

Hong Kong

Chair

February 2022 - September 2022

- Led a team of 15 students in contacting and collaborating with technology companies in Hong Kong to organize a computing conference with over 240 participants from various schools, consisting of educational workshops, keynote speeches and a hackathon with sponsored prizes.

STC Student Council

Hong Kong

Chief of Communications

November 2020 - November 2022

- Worked to bring student suggestions to the school by liaising with school staff and pitching ideas regularly. Successful ideas included: school cafeteria expansion, bathroom facility changes, and student subscriptions to educational tools and platforms

Skills & Interests

Technical: Python, SQL, Java, Javascript, HTML, CSS

Language: Cantonese (Fluent), Mandarin (Fluent)

Laboratory: Excel, Word, VBA, SPSS

Interests: Basketball, Chess, Tabletop games, Personal Investing

Awards

University of Toronto Scholar's Award

September 2023

ESF Chairman's Award for Academic Excellence

June 2023

ESF Sha Tin College Computer Science Book Award

June 2023

Top 8 Team in HK JUMPSTARTER Student Startup Competition

August 2021