

KENNY CUI

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PROFILE

Engineering student with deep passion in software development and a growing interest in cloud infrastructure. A proactive problem-solver with strong adaptability in ambiguous environments developed through various competitions and volunteer positions. Tackles every challenge with a curious mind, tenacity and a positive attitude. Proficient in coding languages such as Python, C, and C++.

EDUCATION

Bachelor of Applied Science, Computer Engineering

Completion: May 2025

University of Toronto, Toronto, ON

- 2021 Fall and 2022 Winter Session Dean's Honour List
- Cumulative Average of 83% and cGPA of 3.60
- Relevant Courses: APS105 – Computer Fundamentals (Data Structures and Algorithms in C)

SKILLS

Languages: C, C++, Python, HTML5, CSS, JavaScript, React.js

Tools: Bootstrap 5, Git, RPi.GPIO

EXTRACURRICULAR ACTIVITIES

Research and Development Team

University of Toronto Aerospace Team, Toronto, ON

May 2022 - Present

- Collaborating with **30** members in different engineering disciplines to develop an Antenna Tracker capable of calculating the position of an Unmanned Aerial Vehicle.
- Programming an analog joystick of the Antenna Tracker with the **RPi.GPIO Python module** where the process involves connecting the joystick and configuring a GPS receiver on **Raspberry Pi 4**.

Webmaster

Skule Nite, Toronto, ON

June 2022 - Present

- Developing ability to withstand and perform under strenuous pressure by engaging in exceptionally time-constrained deadlines.
- Programming a website for the club using a JavaScript library, **React.js**, and three different coding languages: **HTML**, **CSS**, and **JavaScript**.

Team Leader

University of Toronto Engineering: Engineering Strategies and Practices, Toronto, ON

September 2021 - April 2022

- Strengthened communication abilities through working on two different engineering projects with **two** different teams and presented a **15-minute** professional presentation to real-life clients.
- Learned the fundamentals in writing engineering project reports through writing **two** professional proposed conceptual design report for clients.

VOLUNTEER EXPERIENCES

Executive of Resources

The Learning Bridge, Vancouver, BC

March 2020 – July 2021

- Led team of four tutors to coach high school students in Grades 8-10 in mathematics through developing learning materials for students and arranging calendar schedules.
- Successfully helped students improve their final grades in their mathematics class by **12%** by translating complex concepts into more simplified and understandable manner, and with concrete examples.

Executive of Media

Pontem News, Vancouver, BC

March 2020 – March 2021

- Filtered through high volume of news articles to extract and validate related information for accuracy in order to inform podcast listeners of current events
- Increased online traffic to the organization's social media channel by **50** visitors per day through analyzing and interpreting data from Instagram, Facebook and website, and directing marketing efforts to the key channel with the highest traffic
- Story lined and organized weekly podcast series, "**Pontem Talks**" to ensure timely release of episodes to listeners on Spotify