

# Edmond Yang

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## SKILLS

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**TECHNICAL SKILLS:** C++, C, Java, Python, HTML/CSS, JavaScript, Bootstrap, Git, GitHub

**INTERESTS:** Game Development, Web Development, Speedcubing

**LANGUAGES:** Fluent in English and French, Conversational proficiency in Cantonese

## PROJECTS

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### Planttum | [GitHub](#)

September 2022 – November 2022

- Designed and synthesized a portable plant monitoring device that quantifiably measures the soil moisture, humidity and brightness of a plant's surrounding environment in real-time using C
- Implemented a STM32 microcontroller, DHT22 humidity & temperature module, photoresistors and soil moisture sensor to interpret data from external outputs and display them accordingly on the LCD monitor
- Presented technical proposal and design document to the instructor and received a perfect mark

### Perfect Salon Business Site | [GitHub](#) | [Link](#)

June 2021 – August 2021

- Designed and deployed a business website for my workplace to build a digital presence while garnering over **50+** unique viewers per month (vis AWStats)
- Developed using **HTML**, **CSS**, **JavaScript**, and **Bootstrap** to construct front-end elements
- Implemented various JavaScript libraries, such as **Swiper** and **GLightbox**, to refine the display functionality of images in various sections of the website

### Loo-Fi | [GitHub](#) | [Link](#)

August 2021 – September 2021

- Developed a lo-fi music player web application for Waterloo students to relax or study to
- Designed website layout (**HTML**, **CSS**, **JavaScript**, **Bootstrap**), and implemented responsive pages to be compatible with different media screens
- Hosted and deployed website GitHub Pages

## EXPERIENCE

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### Programmer | FIRST Robotics (Team 1246)

November 2021 – April 2022

- Worked in a team of **3** other programmers to implement and revise **Java** code for the competition robot
- Organised repository with FRC documentation and relevant classes/methods in order to delegate specific tasks for each member of the team and ensure all members were well-acquainted before build season
- Responsible for integrating compressor API to function with pneumatics and arm
- Implemented and debugged code to function with the swap of TalonSRX to TalonFX motors

### Front-Desk Receptionist | Perfect Salon & Nails

April 2020 – August 2022

- Managed tasks during the opening and closing of the salon
- Scheduled client appointments and effectively answered in-store related queries
- Provided exceptional customer service whilst managing staff-client logs and executing store transactions at a moderate pace
- Actively maintained a clean and sanitary work environment abiding by the COVID-19 Business Guidelines

### Junior Camp Counsellor | The Village Summer Camp

June 2019 – August 2019

- Assisted cohort leaders with coordinating group activities for campers
- Regulated group activities while encouraging teamwork and ensuring the utmost participation of campers
- Supervised and guided campers safely around the facility

## EDUCATION

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### UNIVERSITY OF WATERLOO | Computer Engineering

Expected June 2027

- Candidate of B.A.Sc. in Computer Engineering, Honours (1A)