

# Edmond Yang

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## SKILLS

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**TECHNICAL:** C/C++, Java, Javascript, Python, HTML/CSS, SQL, WordPress, Cornerstone PRO, Bootstrap, VDH, Git, GitHub

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

**LANGUAGES:** English, French, Cantonese

## EXPERIENCE

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**IT Coordinator** | Generis Group

May 2023 – August 2023

- Spearheaded SEO optimization for over **10 active microsites** by overhauling on-page and performance issues (image optimization, improving loading speeds, and updating structured data), effectively increasing company search term rankings by over **50%**
- Developed automated chatbot through **HubSpot API** to streamline end-user inbounds and reduce redundancy in FAQ contact entries
- Provided technical support to over **40+** in-office workers with software application issues to direct hardware troubleshooting of computer components

**Software Developer** | FIRST Robotics (Team 1246)

November 2021 – April 2022

- Worked in a team of 3 programmers to implement and revise **Java** code for the FRC competition robot
- Organised **GitHub** repository with FRC documentation and relevant classes to delegate specific tasks to each member
- Integrated the compressor API to enable functionality with the pneumatics and arm components of the robot
- Implemented and debugged code to function with the swap of TalonSRX to TalonFX motor controllers

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

April 2020 - August 2022

- 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
- Managed tasks during the opening and closing of the salon
- Actively maintained a clean and sanitary work environment abiding by the COVID-19 Business Guidelines

## PROJECTS

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**Planttum** | [GitHub](#)

September 2022 - November 2022

- Synthesized a portable plant monitoring device that measures the soil moisture, humidity and brightness of a plant's surrounding environment in real-time using C
- Implemented an STM32 microcontroller, DHT22 humidity & temperature module, photoresistors and soil moisture sensor to interpret data from external outputs and display them accordingly on mini LCD monitor

**Perfect Salon Business Website** | [GitHub](#) | [Link](#)

June 2021 - August 2021

- Designed a business website for my workplace to build a digital presence while garnering over **75+** unique monthly viewers
- 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

**LooFi** | [GitHub](#) | [Link](#)

August 2021 - September 2021

- Developed a LoFi music web application geared for Waterloo students to listen to while relaxing or studying
- Structured website layout (**HTML**, **CSS**, **JavaScript**, **Bootstrap**), and implemented responsive pages to be compatible with different media screens

## EDUCATION

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**UNIVERSITY OF WATERLOO** | Computer Engineering

Expected 2027

- Candidate of B.A.Sc. in Computer Engineering, Honours (2A)