

Edmond Yang

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SKILLS

Languages: C/C++, Java, Javascript, Python, HTML/CSS, SQL, VHDL, MATLAB, ASM (ARMv7), Bash

Development Tools & Frameworks: Git, GitHub, Wordpress, CMake, Make, GDB, GCC, HubSpot, Valgrind, Bootstrap

Interests: Mobile Development, Game Development, Frontend, Speedcubing

EXPERIENCE

IT Coordinator | Generis Group

May 2023 – August 2023

- Spearheaded SEO optimization of over **10 active microsites** by overhauling on-page and performance issues (image and loading speed optimization, updating structured data), effectively increasing search term rankings by over **50%**
- Developed automated chatbot (**HubSpot API**) to streamline inbounds and reduce redundancy in FAQ contact entries
- Provided technical support to over **50+** in-office workers with software application issues to direct hardware troubleshooting of computer components across team's Toronto and Berlin locations

Software Developer | FIRST Robotics

November 2021 – April 2022

- Worked in a team of 3 programmers to implement and revise **Java** code for the FRC competition robot
- Organized **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

Generis Bot

August 2023

- Led concierge chat bot and ticketing system development using HubSpot API. Aimed to facilitate website navigation for delegates and sponsors, generate inbound leads, and eliminate redundant FAQs for company's operations and sales team

Planttum | [GitHub](#)

September 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

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

August 2022

- 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

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

June 2022

- Designed a business website for my workplace to build a digital presence while garnering over **75+** unique monthly viewers
- Implemented various libraries (**SwiperJS** and **GLightbox**) to refine the display functionality of images in various sections of the website (HTML/CSS, JS, Bootstrap)

EDUCATION

University of Waterloo | Computer Engineering

Expected April 2027

- Candidate of B.A.Sc. in Computer Engineering, Honours (2A)
- Coursework: Algorithms and Data Structures, Digital Computers and Embedded Systems, Electronic/Linear Circuits