Edmond Yang

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SKILLS

TECHNICAL: C/C++, Java, Javascript, HTML/CSS, Python, Bootstrap, Git, GitHub
INTERESTS: Frontend Web Development, Game Development, Speedcubing
LANGUAGES: English, French, Cantonese

EXPERIENCE

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 & methods to delegate specific tasks to each member of the team
- 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

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

PROJECTS

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 an 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 grade

Perfect Salon Business Website | 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 (tracked using 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

LooFi | GitHub   August 2021 - September 2021
- Developed a LoFi music web application geared 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 using **GitHub Pages**

EDUCATIO

UNIVERSITY OF WATERLOO | Computer Engineering   Expected 2027
- Candidate of B.A.Sc. in Computer Engineering, Honours (1B)