Dylan Wong

1B Software Engineering

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SKILLS

Programming Languages
JavaScript, Java, C, C++, HTML/CSS

Technologies/Tools
Node.js, React, Redux, MongoDB, PostgreSQL, Git

PROJECTS

Jul 2020 – Jan 2021

Chat Group Renewal System ⧉
- Designed an easily configurable renewal system for Discord server owners to monetize their server.
- Implemented a back-end built with **Node.js, Express** as the back-end framework**, MongoDB** for storing licenses**, OAuth** for user login and the **Stripe API** to process payments on a monthly basis.
- Constructed the user dashboard front-end with **React** and **Redux**.

Oct 2020 – Dec 2020

Halloween Candy Dispenser
- Developed an automatic candy dispenser to allow for a no-contact distribution of candy on Halloween.
- Utilised a Raspberry Pi with **Python** and **OpenCV** to detect trick-or-treaters and a **Node.js** server to alert the owner and prompt a choice on whether or not to dispense candy.

Mar 2020 – Ongoing

Personal Website ⧉
- Designed a responsive personal website ⧉ with **HTML** and **CSS**.

EXPERIENCE

2017 – Present

Resell Business ⧉
- Orchestrated a successful shoe/clothing/card reselling business with over **80** total sales and over **100** investment items.
- Vended at a convention (Sneaker Con Vancouver 2020) with over **5000** attendees and sold **37** items.

2018 – 2020
Kelowna, Canada

Dish Steward, Harvest Golf Club
- Cooperated effectively in a kitchen with over **10** people.
- Adhered to FOODSAFE standards when preparing food and cleaning.

2017 – 2018
West Kelowna, Canada

Cashier, West Kelowna Warriors
- Maintained a high attention of detail managing a cash register during hockey games and large events.
- Interacted smoothly with customers and other employees.

2015 – 2017
Kelowna, Canada

Referee, Various Soccer Leagues
- Analyzed and maintained control of over **70** small sided and 11-a-side games.
- Communicated effectively with players and coaches.

AWARDS

2020

Canadian Computing Competition
- Top 20% (427/2827)

EDUCATION

2020 – 2025 (Expected)

University of Waterloo, Candidate for Bachelor of Software Engineering 2025
93.6% Average, 3.98 GPA