Dylan Wong
1B Software Engineering

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SKILLS

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

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

PROJECTS

Dec 2020 – Jan 2021	**Auction Website** ⌝

- Developed a live auction site to sell digital items for in game currency.
- Assembled the back-end with **TypeScript**, **Apollo**, **GraphQL**, **PostgreSQL** and **WebSockets**.
- Created the front-end with **React** and **Apollo Client**.
- auctionhouse.shop ⌝

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