

Corbyn Kwan

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EDUCATION

University of British Columbia

BSc in Computer Science 3.6GPA

Vancouver, BC

Sep. 2018 – May 2022

TECHNICAL SKILLS

Languages: JavaScript, HTML/CSS, Java, Ruby, C/C++

Frameworks: React, Ruby On Rails, Node.js, Express.js, Mocha/Chai, JUnit

EXPERIENCE

Software Engineer Intern

Apr 2020 – Sep 2020

Credit Hero

Hong Kong

- Created a popup that uses **Microsoft Azure's Javascript Text to Speech SDK** to read contracts to the user, and a playback display showing the remaining time left.
- Implemented an active job that sent automated SMS messages to users using the **Twilio** Ruby helper library.
- Used **AWS** to store data, and used **Dataiku's Data Science Studio (DSS)** to track on-going new datapoint for model optimisation of the default rate.
- Reformatted **Javascript** code to use the **Ruby On Rails** infrastructure instead, improving loading speed by approximately 25%.
- Reformatted pages using **Flexbox** and **CSS**, allowing the pages to be much more compatible with different screen resolutions.

PROJECTS AND AWARDS

Portfolio | *React.js, Node.js, Express.js*

Sep 2020 – Present

- Building a web application using **React**, **Node.js**, and **Express.js** that shows a portfolio of my projects
- Built a **REST API** where you can send a POST request to send a message to my email through a form in the website.

Data Query System | *TypeScript, Node.js, HTML/CSS*

Sep 2020 – Present

- Building a web application using **TypeScript** and **React** that parses datasets about course information in UBC, and returns a list of courses that meet the user's criteria.
- Developed an automated test suite using **Javascript** with **Mocha** and **Chai**.
- Read and edited the dataset using **JSZip**.

Fruit Shop Website | *React.js, Firebase*

Aug 2020 – Present

- Building a website in **React** and **Firebase** that allows users to buy fruits, and create an account.
- Stored all account, product, and order information alongside their verification processes in **Firebase**.
- Added password encryption using an **ASCII Shifter** to add better security to the website.

Calorie Tracker | *Java*

Sep 2019 – Dec 2019

- Built a program using **Java** that calculates the required macro nutrients for users based on their diet type, weight, and food they have eaten so far in the day.
- Created a Food Summary feature that parses the web and gives a macro nutrient summary of the inputted food.
- Developed an automated test suite using **JUnit** that achieved 100% line coverage.
- Implemented the GUI using **JSwing**.

Jaro Website

Sep 2017

- Built an online e-commerce platform for Jaro, a company that provides jobs to people with disabilities using WordPress.
- Played semi-professionally for 2 years.
- Used a Spiral approach, making sure that the client was very involved with the requirements process.