

FLORA CHEN

Bachelor of Science, Computer Science · University of British Columbia

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SKILLS

Java, C#, HTML, CSS, JavaScript, TypeScript, SQL, PHP, C/C++
React, AR.js, Axios.js, React Native, Expo.io, moment.js, Node.js

PROJECTS

Carepanion · (*UofTHacks Winner*, 2021)

- Created a mobile app which allows users to check-in on their own wellbeing through different mental health and life check-in pages and brings awareness to self-care activities using encouraging push notifications.
- Used **Figma** to prototype and wireframe application, then developed project in **JavaScript** using **React Native**, **moment.js** and the **Expo** platform.

BaseBook · (*Personal*, 2020)

- A gamified social media web application that allows users to gain achievements by posting and liking other user's posts.
- Implemented **React** buttons, textboxes, and React animation tools, using **CSS**, and **HTML** as design tools
- Fetches data and put new data from website into database with the use of **Axios.js**.
- Used **PHP** to build backend for server-side requests and connection to database.

Best Buy Chatbot & AR Viewer · (*BizHacks Finalist*, 2020)

- Created the bot with **JavaScript**, **Node.js**, **BestBuy API** and hosted on **Azure**. Trained model for query recognition with Microsoft's ML bot framework. Created product and UI elements as **React** components.
- Rendered AR models by category using custom markers with AR.js and dimensions from the **BestBuy API**
- Reverse-Engineered BestBuy.com's landing page and integrated chat bot with **React**, **HTML**, and **CSS**

Escape the Backpack · (*Game Jam* 2020)

- A 2D platformer RPG (Role Playing Game) game with falling mechanics and obstacles that counters player's effort to progress outside a "backpack" using **C#** with **Unity** for gravity effects, animation, room design, and movement mechanics.

WORK EXPERIENCE

Agile Developer Intern · SAP

Jan 2021 – Aug 2021

Vancouver, BC

- Created a script to monitor teams code to ensure code reviewers are added if members from other teams modify teams code using **Jenkins**, **Gerrit Rest API**, **ShiningPanda**, and **Python**
- Implemented new feature's frontend for web application on SAP Cloud platform with **JavaScript** and **React**.
- Improved and expanded test automation and unit test coverage for BOLT project in SAP Cloud platform. Used **JavaScript**, **TypeScript**, **Jasmine**, and **Selenium**.
- Lead quality driver for wave legacy regression and final acceptance testing. Communicated issues and progress with QPA.
- Created fixes for web UI, backend, and tests for SAP Cloud platform, ensuring decrease in critical regressions.
- Lead developer for SAP d-shop. Developed piano iOS application connected to an Arduino piano using **Swift**.

Teaching Assistant · CPSC 110 (Computation, Programs, and Programming)

Jan 2020 – Apr 2020

University of British Columbia

- Taught and led weekly programming labs that centralize around concepts related to introductory programming, such as fundamental program and computation structures, and computation as a tool for information processing, simulations and modelling, and interacting with the world. · Communicated student progress to professors and administration.

EXTRACURRICULARS

Alto, Section Leader · UBC A Cappella

Sep 2018 - Present

General Member · Developers Students Club

Jul 2020 – Present

