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Lawrence Liang

https://lliang826.github.io/

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Technical Skills

Languages	Python, Java, JavaScript, SQL, C#, PHP, Swift, Flutter/Dart, C
Tools / Workflow	React, Firebase, MongoDB, ASP.NET, Node/Express, Git, Jira, Agile

Work Experience

Student Developer **Singular Hearing** **May 2022**
- Implemented new features for a sound-denoising app using **JavaScript** and **Python**
- Enhanced denoising by adding support for multi-file uploads, resulting in faster loading times
- Refactored the code to follow **OO principles** and **design patterns** in a 5-person **scrum** team

QA Specialist (Co-op) **airG** **May 2021 – Dec 2021**
- Performed extensive tests for multiple web and mobile apps, and defined test plans on **Confluence**
- Provided detailed assessments on **Jira** based on test results
- Coordinated with developers and product managers during each **Agile Sprint** to prevent defects

Back Shop Attendant **Point Grey Golf & Country Club** **Aug 2019 – Aug 2020**
- Provided quality service to 300 club members while working under strict Covid-19 guidelines
- Maintained and sanitized practice facilities and equipment for individual golfers

Projects

CST Buddy
- A full stack chatbot web app that answers questions related to the BCIT CST program
- Designed the application using **Figma** and used **Jira** for project management
- Built with **JavaScript** and **Firebase**, used **Bootstrap** for the frontend

Peer Rater
- A full stack web app that allows students to assign ratings to one another; class project
- Implemented backend APIs with the **PHP** web framework **Laravel**
- Used **React** for the frontend, **Laravel** for the backend with a **MySQL** database hosted on **Azure**

Cardify
- An iOS study app using **Swift** and **Xcode** with flashcards and a dictionary
- Built with both **Storyboard/UIKit** and **SwiftUI**
- Used **Alamofire** for API requests, **Realm** for persistent storage, and **Firebase** for authentication

ItemTracker
- A unique to-do list app with **Java** and **Android Studio** that has public/private lists and items
- Used Android's **SharedPreferences** for local storage and **Firebase** for cloud storage

Education

Computer Systems Technology Diploma **British Columbia Institute of Technology**
Web and Mobile specialization Sep 2020 – Dec 2022

Bachelor of Science, Combined Major in Science **University of British Columbia**
Focus areas: Computer Science, Chemistry, Sep 2015 – Apr 2020
Environmental Sciences