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Lawrence Liang
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Education

Computer Systems Technology Diploma

Grade percentage: 86%, Web and Mobile option

British Columbia Institute of Technology

Sep 2020 – Dec 2022

Bachelor of Science, Combined Major in Science

Focus areas: Computer Science, Chemistry,
Environmental Sciences

University of British Columbia

Sep 2015 – Apr 2020

Experience

Student Developer

Singular Hearing

May 2022

- Worked in a 5-person **agile** team to improve a sound denoising web application
- Refactored the existing code to follow **OO principles** and **design patterns**
- Used **JavaScript** and **Python** to implement new features such as volume controls, a real-time progress bar, and error notifications

QA Specialist (Co-op)

airG

May 2021 – Dec 2021

- Defined test plans on **Confluence** and performed tests for web and mobile apps
- Provided detailed assessments on **Jira** based on test results
- Coordinated with developers and product managers to prevent defects

Back Shop Attendant

Point Grey Golf & Country Club

Aug 2019 – Aug 2020

- Maintained practice facilities and equipment at the golf course
- Resolved requests from the pro shop to ensure member satisfaction

Projects

CST Buddy

- Developed a chatbot web application in a 3-person **agile** team that allows users to search for information related to the BCIT CST program
- Created chatbot using **JavaScript**, and used **HTML/CSS** with **Bootstrap** for the frontend
- Hosted the web app on **Firebase**, which also served as the database

Cardify

- Created an iOS study app using **Swift** and **Xcode** that allows users to create flashcards and lookup definitions in an English dictionary
- Built with both **Storyboard/UIKit** and **SwiftUI**
- Used **Alamofire** for API requests, **Realm** for persistent storage, and **Firebase** for authentication

ItemTracker

- Developed a unique to-do list app with 2 other classmates using **Java** and **Android Studio** that has public/private lists and public/private items
- Used Android's **SharedPreferences** for local storage and **Firebase** for cloud storage

Technical Skills

Languages

Java, Python, JavaScript, HTML/CSS, React, Flutter/Dart, Swift, C, SQL

Tools and Workflow

Git, Jira, Confluence, Agile, Firebase, Figma, Android Studio, Xcode, Docker