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Lawrence Liang
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Technical Skills

Languages	Java, Python, JavaScript, HTML/CSS, React, Flutter/Dart, Swift, C, SQL
Tools / Workflow	Git, Jira, Confluence, Agile, Firebase, Figma, Android Studio, Xcode, Docker

Work Experience

Student Developer	Singular Hearing	May 2022
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- Used **JavaScript** and **Python** to implement new features such as volume controls, a real-time progress bar, and error notifications
- Refactored the code to follow **OO principles** and **design patterns** in a 5-person **scrum** team
- Drastically improved the user interface for a sound-denoising application; implemented denoising for multi-file uploads

QA Specialist (Co-op)	airG	May 2021 – Dec 2021
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- 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
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- 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 that answers questions related to the BCIT CST program
- Built with **JavaScript**; 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** where users can 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

Education

Computer Systems Technology Diploma
Web and Mobile specialization

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