

l.liang03@alum.ubc.ca  
778-680-9485

**Lawrence Liang**  
<https://l.liang826.github.io/>

[github.com/l.liang826](https://github.com/l.liang826)  
[linkedin.com/in/lawrence-liang](https://linkedin.com/in/lawrence-liang)

## Technical Skills

---

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

## Work Experience

---

<b>Student Developer</b>	<b>Singular Hearing</b>	<b>May 2022</b>
--------------------------	-------------------------	-----------------

- Implemented new features for a sound-denoising app using **JavaScript** and **Python**
- Enhanced denoising by adding support for multi-file uploads, resulting in a 50% faster load time
- Refactored the code to follow **OO principles** and **design patterns** in a 5-person **scrum** team

<b>QA Specialist (Co-op)</b>	<b>airG</b>	<b>May 2021 – Dec 2021</b>
------------------------------	-------------	----------------------------

- 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 to prevent defects

<b>Back Shop Attendant</b>	<b>Point Grey Golf &amp; Country Club</b>	<b>Aug 2019 – Aug 2020</b>
----------------------------	-------------------------------------------	----------------------------

- Provided high quality customer service to over 300 club members while working under strict Covid-19 guidelines
- Maintained and sanitized practice facilities and equipment for individual golfers

## Projects

---

### CST Buddy

- Developed a full stack chatbot web app that answers questions related to the BCIT CST program
- Built with **JavaScript** and **Firebase**, with **Bootstrap** for the frontend

### Cardify

- Created 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**  
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