

# Wren Liang

UNIVERSITY OF BRITISH COLUMBIA · COMPUTER ENGINEERING MAJOR · IOS DEVELOPER

☎ (587)-703-1208 | ✉ wren.liang@gmail.com | 🏠 wrenliang.github.io | 📷 wrenliang | 🌐 wren-liang

## Skills

<b>Programming</b>	Swift, Objective-C, Java, HTML, CSS, JavaScript, C, Assembly
<b>Frameworks/Tools</b>	Xcode, UIKit, CoreBluetooth, Git, Gradle, JUnit, ANTLR, Bootstrap
<b>Languages</b>	Fluent in English and Mandarin, elementary French and Cantonese

## Projects & Design Teams

### UBC LaunchPad Software Engineering Team

UBC, Vancouver, BC, Canada

PRIMARY IOS DEVELOPER

Sept. 2019 - PRESENT

- Developing a full-stack grocery management application to mitigate food waste in Canada
  - Co-leading development of our front-end iOS application in Swift
  - Collaborating with back-end developers to build a Microservices architecture back-end to handle user data
  - Experience working closely with UI/UX designers to build desired features in Agile sprints

### nwHacks 2020 - Sprouts

UBC, Vancouver, BC, Canada

IOS DEVELOPER

Jan. 12th, 2020

- Built an aesthetic gardening reminders app to teach users how to care for their plants, and to promote a healthy way to deal with stress and anxiety
- Implemented a native Swift iOS application with custom animations, multi-device synchronization using REST API networking, and screen reader functionality in 24 hours
- Deployed a functioning back-end on AmazonAWS EC2 built using Node.js, Express, and MongoDB Atlas

### Gray-Liang Investment Fund

Calgary, AB, Canada

CO-FOUNDER & MANAGER

Aug. 2018 - PRESENT

- Founded a mutual fund with an initial investment of 30,000 CAD from family and friends
- Determined stock trades and authored quarterly financial reports to investors

## Work Experience

### Village Brewery

Calgary, AB, Canada

PACKAGING & QUALITY CONTROL

Summer 2019

- Worked in the Packaging team to bottle, box, and palletize beer
- Inspected bottles after the packing process to maintain brand quality and customer trust before boxing and shipping
- Ensured a clean and safe working environment accordant to Canada's Food and Drugs Act and Regulations

### Mount Royal University Conservatory

Calgary, AB, Canada

LEAD ORCHESTRA SUPERVISOR

Sept. 2015 - June 2018

- Lead a team of students to supervise juvenile orchestras during concerts
- Orchestrated backstage logistics during performances to ensure a smooth and timely transition between groups
- Tuned each musician's instrument before going on stage

## Education

### University of British Columbia - Vancouver

Vancouver, BC, Canada

B.A.Sc. IN COMPUTER ENGINEERING WITH CO-OP

Sept. 2018 - PRESENT

- Presidential Scholars Award Recipient
- UBC Cumulative GPA: 3.95 / 85%

## Extracurricular

### Viola

Calgary, AB & Vancouver, BC

Sept. 2013 - PRESENT

- Member of the UBC Symphony Orchestra 2018-2019 Season
- Played in the Calgary Youth Orchestra from 2015-2018
- Won 4 Gold Certificates for Viola Solos at the Calgary Performing Arts Festival