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

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

Projects & Design Teams

MLH Local Hack Day - *mentr*   *UBC, Vancouver, BC, Canada*
IOS DEVELOPER   *Nov. 30th 2019*
- Built a networking app to connect high school students with university level mentors
    - Placed 6th out of 55 teams
- Engineered a beautiful Swift iOS application with custom swipe animations, REST API network communications, and complete screen reader functionality in less than 12 hours
- Deployed a fully functional back-end on AmazonAWS built using Node.js and Express

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

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
- Determine stock trades and author 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.ASc. IN COMPUTER ENGINEERING WITH CO-OP   *Sept. 2018 - PRESENT*
- Presidential Scholars Award Recipient
- UBC Cumulative GPA: 4.0 / 86%

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