

# Wren Liang

UNIVERSITY OF BRITISH COLUMBIA · COMPUTER ENGINEERING MAJOR · INDEPENDENT DEVELOPER

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## About Me

**Programming** C, Java, Swift, JavaScript  
**Web/Media** HTML/CSS, GIMP, Lightroom, Premiere Pro, Maya  
**Languages** Fluent in English and Mandarin, basic understanding of French and Cantonese

## Work Experience

### Village Brewery

Calgary, AB, Canada

PACKAGING & QUALITY CONTROL

Summer 2019

- Worked with packaging team to bottle, box, and palletize beer
- Inspected each bottle after bottling process to maintain quality of brand and customer trust before boxing and shipping

### JUSU Bar

Calgary, AB, Canada

FOOD BATCH-MAKER

Summer 2018, Summer 2019

- Cooked and packaged all foodstuffs at Jusu's central production facility
- Kept pace with a busy production schedule and ensured that each store location maintained sufficient inventory
- Maintained 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
- Organized backstage logistics during performances to ensure a smooth and timely transition between orchestras
- Verified each musician's instrument was in tune before going on stage

## Projects

### Remote Control Arduino Car

UBC, Vancouver, BC, Canada

SOFTWARE DEVELOPER

Jan. 2019 - PRESENT

- Developed and implemented an iOS application using Swift 4.2 that communicates with an Arduino Bluetooth module using Apple's Core Bluetooth framework
- Programmed the Arduino board in C to activate motors in response to incoming Bluetooth data
- Wired electrical circuitry in cooperation with another student, and gave input for the mechanical design of the vehicle

### Personal Website

Calgary, AB, Canada

SOFTWARE DEVELOPER & UI DESIGNER

July. 2019 - PRESENT

- Created my personal website programmatically using HTML and CSS, and implemented web scripts using JavaScript to enhance user experience
  - Edited my travel photos using Lightroom and GIMP, and created an interactive slideshow of places I have visited

## Education

### University of British Columbia - Vancouver

Vancouver, BC, Canada

B.A.Sc. IN COMPUTER ENGINEERING

Sept. 2018 - PRESENT

- Presidential Scholars Award Recipient
- Cumulative Average: 86.1%

## Hobbies

### Viola

Calgary, AB & Vancouver, BC

Sept. 2013 - PRESENT

- Played in the UBC Symphony Orchestra 2018-2019 Season
- Member of the Calgary Youth Orchestra for three years
- Won 4 Gold Certificates at the Calgary Performing Arts Festival