



# Lian Duan

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## Education

### **University of British Columbia**

B.Sc in Computer Science

Vancouver, British Columbia

2<sup>nd</sup> Year, graduation expected 2021

## Languages

| Java | C/C++\* | PHP\* | SQL\* |

"\*" means less than one-year experience

## Environments

IntelliJ IDEA

PHPStorm IDE

Webstorm IDE

Visual Studio Code

GitHub Desktop

## Interpersonal Skills

Working with others

Compromise

Communication Skills

Willingness to Learn

## Hackathons

NwHacks 2019

## Paid Experience

### **Costco Wholesale** | Cashier Assistant

August 2017 – Current

Packs Member orders into boxes and transfers items to a separate cart for cashiers. Performs clean-up, cart retrieval, merchandise restocking and runs for items as directed. All while concurrently providing a high level of member service.

### **Children's Place** | Sales Associate

Oct 2016 – Jan 2017

Responsible for supporting the Store Leadership Team in achieving all Company goals and initiatives. Represents the brand, operates in a professional manner, engages customers, maintains store standards and supports teamwork.

## Recent Completed Projects

### **Hero Database** | PHP and SQL

May – June 2019

- Worked in a small team to create a database driven website that queried and updated information from the database.
- Worked with phpMyAdmin to create SQL tables to BCNF standards.
- Create insert, update, delete and advanced queries to function through an interface.

### **Doc Christina** | nwHacks2019 | Python and Java

January 2019

- Built a hands-free voice activated solution using IBM Watson, Porcupine and SSH to provide accurate real-time updates to urgent alerts and rapid deployment of hospital workers.
- Worked with a small team to develop a functional prototype using a Raspberry PI3 B+ and Adafruit I2S mics microphone.

### **Article Trim** | JavaScript

December 2018

- Used Regex to separate Paragraphs and Sentences.
- Utilized Lex-Rank Algorithm to score sentences based on importance.
- Sorted and assessed article for keywords based on frequency.
- Used Hash-sets to store and retrieve data.

### **Amadeus** | Java

September - December 2018

- Used IBM Watson's API to transcribe audio data.
- Used Darksky Weather and Wikipedia rest API's to return through JSONs.
- Parsed data and delivered results to user.
- Practiced Test-Driven Development using Junit.

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## References List:

Name	Preferred Contact	Relation
Gonzalo Dasig	jundasig@gmail.com	Costco Supervisor (Preferred)
Myla Maloto	w548fe14@costco.com	Costco Manager (Preferred)
Rowena Vergara	w548fe17@costco.com	Costco Supervisor (Preferred)
Alice Fulop	Alice.Fulop@SD41.bc.ca	High School Teacher
Sandy Ryant	Sandy.Ryant@SD41.bc.ca	High School Teacher