



## Education

University of British Columbia | Bachelor's in Science (BSc) - Computer Science

2018 - 2023 (Expected)

## Projects

### my laundry | Java

Current

- my laundry is an **Android** app with cloud storage on **Firebase - Cloud Firestore Database**. The app allows users to easily reserve communal laundry machines based on current day/future availability.
- Features a real-time **calendar** with detailed booking timeslot details that are filtered by selected date and machine. Upon successful bookings, users will be provided with a **pin** to unlock the machine. Currently working on handling the booking process and user authentication.

### employ-iFY | Java / SQL

February 2020

- Employee Management System optimized for record-keeping and analysis of **employee** records.
- The program allows users to **CRUD employee** and **department** data and link them accordingly for record-keeping and reporting.
- Data is pulled/pushed from/to a local **MySQL database** in order to generate **filterable reports**.

### E-Z Funds | Java / JSON

December 2019

- Allows users to manage day to day and long term finances like income, expenses, debts, and investments.
- Built using **OOP** principles such as **inheritance**, **data abstraction** and **polymorphism**. Graphical User Interface designed with **Swing**.

### Website Development | HTML / CSS

2017-2018

- Collaborated in a team of two to construct websites for [The Fraser Heights Integrated Math & Science Academy](#) and [The Surrey Secondary Schools Athletic Association](#).
- Utilized **HTML**, **CSS**, **Bootstrap** and **SEO** as well as **Google Drive/Sheets** integration for file/data sharing.

## Skills

**Languages:** Java, C++, C#, C, Assembly, Racket, Swift, PowerBuilder, SQL, NoSQL, HTML, CSS, UML.

**Other:** Object Oriented Programming, Software/App Development, Data Structures & Algorithms, Version Control, Debugging, Product Testing.

## Experience

### Software Development Engineer - Co-op | Change Healthcare

September 2020 - April 2021 (Expected)

- Working on developing/maintaining medical imaging solutions using **C#** and **Google Cloud Platform**.

### Information Technology Intern | Rick Hansen Foundation

June - July 2019

- Collated data from numerous sources and conducted a **mass update** of donor attributes using a data loader.
- Created and populated **reportable** data fields in **Salesforce** for donor accounts.
- Conducted **workflow testing** for the RHFAC Professional Network Portal.
- Assisted with the development of events and pages on the **Lightning Platform**.

### Resource Development Intern | Rick Hansen Foundation

July - August 2018

- Spearheaded the **CRM data cleanup** project, which included **data management** of more than **3000 accounts**.
- Assisted with the **data migration** of accounts from **Raiser's Edge** to **Salesforce** and created new donor accounts as well as **dashboards/dials** in **Salesforce**.
- Analyzed donor **snapshots** and attributes to make decisions regarding future donations.

### Database Management Intern | lendercomplaints.com

July - August 2017

- Formatted and manipulated **excel datasheets** for database **migration**.
- Imported/Exported excel data sheets to/from **SQL Database** using **SQLYog** and **queries**.
- Generated and analyzed **reports** to compare data between various **datasets**.