

Education

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

2018 - 2023 (Expected)

Projects

my laundry | *Java/Google FireBase*

November 2020

- Communal Laundry Made Easy! my laundry is an **Android** app with data storage on **Cloud FireStore**.
- The app allows authenticated users to easily book and manage communal laundry machines as per their convenience.
- Features a real-time **calendar** and **personalized** user-screen with detailed booking timeslot details that can be filtered by selected date and machine. Upon successful bookings, users are provided with a **pin** to unlock the machine.

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, JavaScript, Assembly, Racket, Swift, PowerBuilder, SQL, NoSQL, HTML, CSS, UML.

Other: Object Oriented Programming, Software Development, Data Structures & Algorithms, Version Control, Debugging, Product Testing, Google Cloud Platform, Container Systems.

Experience

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

September 2020 - April 2021 (Expected)

- Developed new user-facing components for **medical imaging solutions** using **React JS**.
- Created object **models/DTOs** for data representation and transfer between the **client** and the **server**.
- Made **API calls** and handled **HTTP** requests with controllers to **CRUD** data using **.NET Core** and **C#**.
- Working on performing **unit/automated** testing for newly developed components.
- Assisting with the creation of an Automated Workstation pipeline in **GCP**.

Information Technology Intern | *Rick Hansen Foundation*

June - July 2019

- Collated data from numerous sources and conducted a **mass update** of donor attributes using Microsoft Excel and 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.