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EDUCATION

UNIVERSITY OF BRITISH COLUMBIA

Bachelor of Commerce: Combined Major in Business and Computer Science

- *Academic Performance:* 3.70 GPA with relevant courses, such as CPSC 210 Software Construction (77/B+), and CPSC 110 Computation, Programs, and Programming (76/B+)
- *Participation:* Current executive of the IT department in iBookUnion and an ambassador of the UBC Bookstore

TECHNICAL PROJECTS

MyCFL (SportsHack)

November 2015

- Built a web application that allow football enthusiast to receive the latest feeds from favourite CFL athletes' social medias and football amateurs to connect with CFL athletes
- The implementation of cosine similarity draws direct matches for the athletes and the users, by comparing a CFL athlete's physical attributes (e.g. height, weight, and location) with the user's inputs; this feature attracts non-football fans to also participate

Moscrop Official iOS Application

September 2015 - Current

- Collaborated with a current student from Moscrop Secondary School to develop an iOS application using Swift, as there was a growing amount of students using iOS devices
- Used Parse as a database to store data, such as information about teachers, student bulletins, and news feeds from clubs. This allows both the android application and iOS application to be updated simultaneously
- Integrated UISwipeGestureRecognizer to allow users to easily navigate the Tab Bar Controller by swiping left and right

Course Watcher

August 2015

- Built this project from scratch that serves the purpose of watching courses on UBC SSC, in which it informs users through emails when there is a seat open for a specific course
- Incorporated external libraries, such as JSoup and JavaMail API, for HTML parsing and sending emails to users, which resulted in accurate delivery of information about a course through email notifications
- Anticipate to develop this application further into a website, or iOS application

Mind The Gap (School Project)

August 2015

- Implemented JSON parsing for the data returned by the Transport for London API with the use of external library along with proper usage of exceptions leading to a more user-friendly and robust application
- Integrated OsmDroid library to display the map along with stations and the rail system; this allows the application to be more visually appealing and interactive

EXPERIENCE

IBOOKUNION BOOKSTORE UBC **Information Technology Executive**

Vancouver, BC

- Formulated plans to improve user's experience with features that added clarity and increased accessibility on the webpage
- Updated the database for storing book information and past transactions to allow certain information to be instantaneously shared with the sellers

FREE GEEK VANCOUVER **Dismantle Volunteer**

Vancouver, BC
2013-2014

- Dismantled used computers and hardware for the purpose of supporting the idea of reusing computer parts and reselling at a low price to the non-profitable institutions
- Organized parts into categories, such that other senior volunteers could assemble new computers, resulting in an acquisition of better understanding in the basic procedures of rebuilding a computer with recycled items

ADDITIONAL

- Enrolled in The Complete Web Developer Course and The Complete iOS 9 Developer Course on Udemy
- Interests: Learning new programming languages, and recreational swimming