WILLIAM (WEI NIAN) LIM

6370 Vivian St, Vancouver, BC, Canada V5S 2S7 | 778-985-9021 | weinianlim26@gmail.com

WORK EXPERIENCE

Clarius Mobile Health   **March 2016 – September 2017**

Software Engineer

- Developed new feature using **Google API** in **Java(Android)** and integrated into Clarius Cross Platform Mobile App in **Qt** using **C++**
- Researched and Developed Speech Recognition feature with **CMUSphinx** in **Java**
- Maintained software functionality periodically to ensure software is reproducible

TD Bank Group   **June 2015 – July 2016**

Customer Service Representative

- Assisted customers with daily banking activities while ensuring every process is efficiently completed with accuracy and without error

PERSONAL TECHNICAL PROJECTS

Closest People   **August 2015 - August 2015**

- Developed an Android Application that has an interface to list out the top five people who logged in that are closest to a user using **MongoDB**'s geospatial indexes
- Created an online database using MongoDB as the database platform and **MongoLab** as the cloud database service to store user information Implemented **Facebook API** for login

Korean Popular Music Quiz   **July 2014 - January 2015**

- Developed an **Android** application (Java) that provides numerous quizzes and detailed information about Korean popular music by utilizing the enriched functionality of **AndEngine**'s **GLES2-AnchorCenter** and by storing data in Android devices using **SQLite**

Fun Math 1.0   **June 2014 - July 2014**

- Designed a fun math program for preschool children with the purpose of understanding game development and the process of creating Android applications
- Learned **Java** and AndEngine independently within three weeks by going through online tutorials before starting development
- Uploaded the application to Google Play using Google Play Developer Console after creating a developer account

UNIVERSITY TECHNICAL PROJECTS

Medication Prescription Device: instaPrescribe   **September 2014 - April 2015**

- Designed using Java an Android application in which users can conveniently review and order medications that their doctor had previously prescribed on their Android device
- Created a centralized database using MySQL to store user information with an encryption system to increase security of the application
- Implemented Google Maps API within the application to allow users to search for the closest pharmacy from their current location to avoid unnecessary travelling

EDUCATION

BrainStation   **Present**

Web Development

University of British Columbia   **May 2015**

Bachelor of Applied Science, Electrical Engineering