

DAVID LI

YEAR 2, BUSINESS AND COMPUTER SCIENCE MAJOR
daviidli.github.io

TECHNICAL SKILLS

Programming	Applications	Tools/Frameworks
Java C++ C# * JavaScript *	Unity *	IntelliJ IDEA Android Studio Git

* currently learning

TECHNICAL PROJECTS

BestBuy App (Personal – Hackathon) Apr 2017

- Created an Android app using Java to run on kiosk tablets in BestBuy to give customers an simple way of viewing the catalog or requesting help
- Utilizes Firebase's realtime database to structure, save and sync customer data in a queue for employees to view in their employee app

Smilee Platform Game (Personal – Hackathon) Mar 2017

- Created a platform runner using C# in Unity that uses Microsoft's Emotion API to detect certain emotions from players to give their character different special abilities
- Used a singleton design pattern for the game controller to ensure that all necessary components to the game are referencing the same instance of the game
- Utilized a queue to procedurally generate and delete obstacles as they come into and out of view of the player

Android Transit App (Academic) Sep-Dec 2016

- Implemented a transit Android application that gives arrival times for buses in Vancouver
- Used Java in IntelliJ IDEA to create a JSON parser to retrieve information from Translink's API
- Wrote JUnit tests to test implementations of the application

TECHNICAL EXTRACURRICULAR ACTIVITIES

BizHacks Apr 2017

- Worked in a team of 4 to create a solution for customers of BestBuy to quickly find assistance from employees while at their stores
- Created 2 apps for Android using Java:
 - Catalog app with a request help feature for running on kiosk tablets in the store
 - App for BestBuy employees to have on their phone to notify them of pending help requests

NW Hacks Mar 2017

- Worked in a team of 3 to create a platform game, **Smilee**, incorporating Microsoft's Emotion API
- Wrote in C# using Unity

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DefHacks

Jan 2017

- Worked with a team of 4 to create a game using Microsoft's Azure API's
- Wrote in Java using Android Studio

VOLUNTEER EXPERIENCE

Graphic Designer

Sep 2016 – Ongoing

UBC Cooking Club, Vancouver BC

- Increased social media presence and image by creating visuals for Facebook, Instagram and the E-mail list

Graphic Designer

Ongoing

Canadian Closed Amateur DanceSport Championships

SnowBall Classic

Aug-Dec 2016

- Utilized clear verbal and written communication in the form of meetings and emails to plan, execute and deliver a brochure and other printed promotional materials

EDUCATION

Bachelor of Commerce – Business and Computer Science (BUCS)

Sauder School of Business, UBC, Vancouver BC

INTERESTS

Technology, Programming, Graphic Design, Badminton, Ultimate Frisbee, Biking