



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



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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

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

WORK EXPERIENCE

Food and Beverage Attendant

Summer 2014, 2015, 2016

Pacific National Exhibition, Vancouver BC

- Minimized mistakes on orders by leading and delegating specific tasks to less experienced coworkers during lunch and dinner rushes
- Selected by management to train new hires on the operation of the stand and how to take orders from customers in an efficient and friendly manner

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

Canadian Closed Amateur DanceSport Championships

Ongoing

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, Drawing, Ultimate Frisbee, Biking