

# Andy Tung

Passionate Software Engineer

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## WORK EXPERIENCE

**Software Engineer Intern | Uber**

June 2017 - August 2017

- Expected to start working at Uber in the San Francisco office in June.

**Software Engineer Intern | Microsoft**

January 2017 - April 2017

- Partnered with Bing and Microsoft Teams to create an intelligent bot for the Microsoft Teams platform using C#, .NET, internal APIs, and Azure.
- Engaged in the creation of a software project from start to finish including discovery, requirements elicitation, estimation, testing, developing, security, and compliance.
- Incorporated lean startup in agile development to facilitate fast iterations and validated learning.

**Software Developer Intern | Dynamic Leap Technology Inc.**

May 2016 - December 2016

- Developed enterprise iOS, tvOS, and Android applications for clients in the health, financial, and film industries using Objective-C, Swift and Java.
- Pushed code for features and bug fixes in 6 different repositories that were deployed to either Google's play store or Apple's app store.

## PERSONAL PROJECTS

**Countdown Timer**

- Explored Kotlin and reactive extensions to develop an Android application that counts down until the start time of a selected event in the calendar.

**Food Friend Finder**

- Developed a progressive web application in Ember.js for users to find other people for dinner using Google Places API, Google Maps API, Facebook Graph API, and EmberFire.
- Integrated Facebook authentication, form with automatic completion, real time chat for events, and service workers for offline-first experience.

**Open Farm | TM Forum Open Hack Vancouver**

- Prototyped a farm to table solution consisting a web application, iOS application, and backend server for local farmers to deliver their produce to household doorsteps.
- Integrated Telus, City of Vancouver, and Ericsson APIs and connected Arduinos for location, temperature, and humidity to a NodeJS backend server using the IBM Bluemix platform.
- Placed 2nd in the event sponsored by TM Forum, IBM, Telus, Sierra Wireless, and Ericsson.

**Mafia Game**

- Developed a Java application based off the classic Mafia party game.
- Gained a higher level of knowledge of object oriented programming and software construction by applying concepts of refactoring, modularity, encapsulation, and inheritance.

## EDUCATION

**University of British Columbia**

Expected April 2018

Bachelor of Applied Science - Computer Engineering

## TECHNICAL SKILLS

**Tools**

Git, Unix Command Line

**Mobile Development**

Android development, iOS development

**Web Development**

Angular 2, HTML, CSS/SCSS

**Backend Development**

MongoDB, Firebase, Node.js, Express.js

**Programming Languages**

Java, Javascript, Swift, C