



## SKILLS

### **Proficient**

Java, C/C++, Android,  
HTML/CSS/JavaScript

### **Familiar With**

Python, Swift, iOS

### **Tools and Technologies**

Git, SQL, Android Studio, Xcode,  
JSON, XML, Bootstrap, jQuery,  
jQueryUI

## VOLUNTEER EXPERIENCE

### **Project Presenter/ Tour Guide Waterloo Engineering**

Nov 2015

Waterloo, Ontario

- Presented gravity fall game built on TI Launchpad with Orbit Booster pack
- Gave faculty tours to visitors and answered program-specific questions

## EDUCATION

### **Software Engineering BSE Candidate**

University of Waterloo, ON  
2015 - 2020 (Expected)

## INTERESTS

- Tech news, mobile technology
- Soccer, basketball, hockey, sprinting, biking

## PROJECTS

### **Safe Pass**

- Android app to store passwords
- Used SQLite database and built intuitive UI using custom ListViews and ArrayAdapter, custom Dialogs and PopupMenus
- Implemented 5-tier key based encryption algorithm from scratch

### **QuickConvert - SE Hack Day**

- Currency converter on iOS that uses live rates
- Fetched and parsed JSON data using native Swift libraries

### **Priorify - EngHack 2015, University of Waterloo**

- Led team of 3 people to create an Android app to determine priority of tasks
- Gained experience working with Fragments and Android Preferences
- Developed algorithm for prioritizing tasks based on parameters like due date and estimated time taken to complete the task
- Pitched successfully, resulting in selection for Top 10 hacks

### **Unlocker**

- Built a vault-unlocking simulator using Bootstrap, jQuery and jQueryUI

### **Muriqui**

- Built front end of a Rails app used for crowd unit testing
- Designed auto-emails for account authentication and password recovery
- Implemented using embedded Ruby in HTML and Sass stylesheets

## WORK EXPERIENCE

### **Coach**

May 2015 - July 2015

**Robin Hood Sports Academy**

Markham, Ontario

- Designed and ran drills in soccer, basketball and hockey
- Led group of 25 athletes through organized games over 8 hours every day
- Resolved conflicts and issues between the athletes

### **Tutor**

Sep 2013 - Jun 2014

**Braeburn Neighbourhood Place Inc**

Toronto, Ontario

- Tutored grade 9 and 10 students in Computer Science, Math and Physics
- Planned bi-weekly after-program activities like Wii game nights