Utkarsh Lamba

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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 build intuitive UI using custom ListViews and ArrayAdapters, 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

Unlocker
- Built a vault opening 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   **Robin Hood Sports Academy**
May 2015 - July 2015
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   **Braeburn Neighbourhood Place Inc**
Sep 2013 - Jun 2014
Toronto, Ontario
- Tutored grade 9 and 10 students in Computer Science, Math and Physics
- Planned bi-weekly after-program activities like Wii game nights