# Utkarsh Lamba

## **Android** Developer

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(647) 909-4535 📞

## SKILLS

### Proficient In
Android, Java, C/C++, HTML/CSS, JavaScript

### Familiar With
Python, Swift, iOS

### Tools and Technologies
Android Studio, Git, SQL, Bash, Bootstrap, jQuery, jQueryUI, Xcode, Sublime Text, Vim

### Experience with key Android components
FrameLayout with multiple Fragments, AsyncTask, BroadcastReceiver, custom ListView and ArrayAdapter, AndroidPreferences, custom Dialog and PopupMenu, HttpURLConnection, JSON parsing, SQLite database, Material Design

## EDUCATION

### Honours Bachelor of Software Engineering
University of Waterloo, ON
2015 - 2020 (Expected)

## AWARDS
- University of Waterloo President's Scholarship
- University of Waterloo Alumni @ Microsoft Entrance Scholarship in Engineering

## INTERESTS
- Tech news, mobile technology
- Soccer, basketball, hockey

## PROJECTS

### Android Development

#### OfflineBling
- App that provides web services such as WolframAlpha and Wikipedia search using SMS (no Wifi or data connection used)
- Utilized the Twilio, WolframlAlpha and MediaWiki APIs

#### SafePass
- App to store simple login credentials
- Implemented 5-tier key based encryption algorithm from scratch

#### Priorify - Top 10 Hacks, EngHack 2015
- Led team of 3 people to create an app to determine priority of user's tasks
- Developed algorithm for prioritizing tasks based on parameters like due date and estimated time taken to complete the task

### Web Development

#### Muriqui
- Built front end of a Rails app used for crowd unit testing
- Designed emails for account authentication/password recovery

#### Unlocker
- Built a vault-unlocking simulator using Bootstrap and jQueryUI
- Ensured open-source, reusable and clean code

### iOS Development

#### QuickConvert - SE Hack Day
- Live currency converter app
- Fetched and parsed JSON data using native Swift libraries

## WORK EXPERIENCE

### Coach                                     Robin Hood Sports Academy
*May 2015 - July 2015*                        *Markham, Ontario*
- Designed and ran drills in soccer, basketball and hockey
- Led 25 athletes through organized sports for 8+ hours everyday

### Tutor                          Braeburn Neighbourhood Place Inc
*Sep 2013 - Jun 2014*                         *Toronto, Ontario*
- Tutored grade 9-10 students in Computer Science and Math
- Planned bi-weekly after-program activities like Wii game nights