Utkarsh Lamba

Software Engineer

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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

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

ACTIVITIES

- Organizer of TerribleHacks III at University of Waterloo
- Currently updating TerribleHacks website and involved with event programming, including logistics and mentoring
- Reading tech news, mostly on mobile technology
- Soccer, basketball, hockey
- Biking, running

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
- Focused on reusability of code and scalability on desktop devices

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