

IRVANJIT SINGH GILL

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  /irvanjitsingh

EDUCATION

Bachelor of Applied Science, Computer Engineering, University of Waterloo, Graduated Apr 2018

- Courses: Distributed Computing, Programming for Performance, Algorithm Design/Analysis, Networks, Databases

EXPERIENCE

Lead Mobile Developer (volunteer), Gursevak.com, Brampton ON, May 2016 - Present

- Developing Android and iOS apps for a charity & NPO to improve performance and UX efficiency, fix regressions
- Managing a small team of developers and designers to rebrand digital presence across web and mobile
- App Store: bit.ly/unlimios, Play Store: bit.ly/unlimdroid; combined ~50,000+ active users

Engineering Services Intern, Tesla Inc., Palo Alto CA, Sep 2017 - Dec 2017

- Implemented a load testing framework to improve performance of CAD-based internal vehicle design tools used for Model 3 design and assembly

iPhone Operations Software Engineering Intern, Apple Inc., Cupertino CA, Sep 2016 - Dec 2016

- Implemented client-side features for an internal iOS app to test manufacturing operator performance/efficiency
- Used Tableau to analyze and validate AB test results and presented to senior management
- Developed a CI test suite to enable automated user interface testing for mobile software across the Operations team

Mobile Developer, Clearbridge Mobile, Woodbridge ON, Jan 2016 - Apr 2016

- Architected, developed and shipped Rethink Tires Android
- Implemented clientside features for NBC Telemundo, UGO Wallet, Rethink Tires iOS

Automation Engineering Intern, Toast Inc., Cambridge MA, Jan 2015 - Apr 2015

- Developed a framework to automate integration testing for Toast POS on web and mobile with JUnit and Appium
- Implemented features and fixed regressions for Android and web clients

Web Developer, Vectorface, Ottawa ON, May 2014 - Aug 2014

- Developed an internal localization tool using Angular Bootstrap
- Improved performance and UX, allowing faster development cycles

iOS Developer, Vitalhub Corp., Toronto ON, May 2013 - Aug 2013

- Implemented features and bug fixes for Vitalhub Chart iOS, App Store: bit.ly/vitalhub
- Refactored legacy UI implementations to use semantic view design

PROJECTS

Raag Notes, App Store: bit.ly/raagnotes, Github: /raagnotes

- iOS app to create and reference musical notation sets for Indian Classical compositions

Discoer Gurbani, Play Store: bit.ly/dscvDroid, Github: /discovergurbani

- Android app to search the Sikh scriptures in multiple languages; built using the GurbaniDB web API

Quaterloo, quaterloo.herokuapp.com, Github: /uwcollab

- AngelHack 2012 Project: Q&A platform for University of Waterloo students; built using Django, socketio, jQuery, Foundation

LANGUAGES, TECHNOLOGIES AND PLATFORMS

- Python, Java, Objective-C, C++, C, C#, Swift, PHP, JavaScript, HTML/CSS, Sass
- Android, iOS, Django, Flask, Angular, JUnit, Selenium, MySQL, SQLite, Postgres, Heroku, AWS, Jenkins, Linux/UNIX