



IRVANJIT SINGH GILL

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  /irvanjitsingh

EDUCATION

Bachelor of Applied Science, Honours Computer Engineering Co-op, University of Waterloo, Waterloo ON, September 2011 - April 2018

EXPERIENCE

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

- Developing Android and iOS apps for a charity & NPO to improve performance, UX efficiency and 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, September 2017 - December 2017

- Implemented a load testing framework to improve performance of CAD vehicle design tools

iPhone Operations Software Intern, Apple Inc., Cupertino CA, September 2016 - December 2016

- Implemented client-side features for an internal iOS app used to test manufacturing operator performance and efficiency
- Used AB test results to determine operator
- Developed a CI test suite to enable automated user interface testing for mobile software across the Operations team

Mobile Developer, Clearbridge Mobile, Woodbridge ON, January 2016 - April 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, January 2015 - April 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 - August 2014

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







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

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

Web Developer, Symblity Intersect, Toronto ON, September 2012 - December 2012

- Implemented server-side features and APIs for client projects using Django
- Developed a Flask backend for an internal team metrics dashboard

PROJECTS

- **Raag Notes**,  bit.ly/raagnotes  git.io/fh78n, iOS app to create musical notation sets for Indian Classical compositions
- **Discover Gurbani**,  bit.ly/dscvDroid  git.io/vwdeF, Android app to search the Sikh scriptures in multiple languages
- **Quaterloo**,  quaterloo.herokuapp.com  [/irvanjit/quaterloo](https://irvanjit/quaterloo), Q&A platform for students (Django, socketio, jQuery)

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, Puppet, Jenkins, Linux/UNIX