



IRVANJIT SINGH GILL

~3 years of industry experience in SWE (fullstack-web and mobile, combined) |
Interested in iOS, Android and fullstack-web fulltime roles | Eligible for TN authorization

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  /irvanjitsingh

EXPERIENCE

TESLA | Engineering Services Intern, Infrastructure

Palo Alto, CA | Sep - Dec 2017

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

APPLE | SWE Intern, iPhone Product Operations

Cupertino, CA | Sep - Dec 2016

- Implemented clientside features for an internal iOS app used to improve product quality
- Developed a CI test suite to enable automated user interface testing for the Operations team

CLEARBRIDGE MOBILE | Mobile Developer

Woodbridge, ON | Jan - Apr 2016

- Architected, developed and shipped Rethink Tires Android: [▶ bit.ly/rthDroid](https://bit.ly/rthDroid)
- Implemented clientside features for NBC Telemundo, UGO Wallet, Rethink Tires iOS

TOAST | Automation Engineering Intern

Cambridge, MA | Jan - Apr 2015

- Developed a framework to automate integration testing for Toast POS web/mobile
- Implemented features and bug fixes for Android and web clients

VECTORFACE | PHP Programmer

Ottawa, ON | May - Aug 2014

- Rewrote an internal localization tool to improve utility/UX using Angular Bootstrap

VITALHUB | iOS Developer

Toronto, ON | May - Aug 2013

- Implemented features and bug fixes for Vitalhub Chart iOS: [▶ bit.ly/vitalhub](https://bit.ly/vitalhub)
- Refactored legacy UI implementations to use semantic view design

BNOTIONS | Mobile Developer

Toronto, ON | Sep - Dec 2012

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

IBM | Software Development and Test Engineering

Ottawa, ON | Jan - Apr 2012

- Implemented bug fixes and conducted sanity, performance testing for a11y

VOLUNTEER

KHALIS FOUNDATION | Partner, Volunteer

Sacramento, CA | Nov 2017 - Present

- Contributor for a suite of web and desktop-Electron apps (sikhithemax.com), and the banidb.com API and partner on behalf of Gursevak (working remotely)

GURSEVAK | Lead Developer, Product Manager

Brampton, ON | May 2016 - Present

- Maintaining the charity's iOS and Android apps with ~ 50,000+ combined active users: [▶ bit.ly/unlimios](https://bit.ly/unlimios), [▶ goo.gl/gUgvJ6](https://goo.gl/gUgvJ6)
- Rewriting apps to improve speed/UX, feature work, and fix issues
- Managing a small team of developers and designers to rebrand digital presence across web and mobile

PROJECTS

RAAG NOTES

[▶ bit.ly/raagnotes](https://bit.ly/raagnotes) git.io/fh78n

iOS (Swift) app to create musical notation sets for Indian Classical compositions

DISCOVER GURBANI

[▶ bit.ly/dscvDroid](https://bit.ly/dscvDroid) git.io/vwdeF

Android app to search/read the Sikh scriptures in multiple languages

QUATERLOO

quaterloo.herokuapp.com [/irvanjit/quaterloo](https://irvanjit/quaterloo)

Q&A/discussion platform for UW students (Django, Foundation, jQuery, socketio)

LANGUAGES

- Python, Java, Objective-C, C++, C, C#, Swift, PHP, JavaScript, HTML/CSS, Sass
- English, Punjabi, Hindi, French

TECHNOLOGIES

- Android, iOS, Django, Flask, Angular, Node, Electron, JUnit, Selenium
- Git, MySQL, SQLite, Postgres, Heroku, AWS, Puppet, Jenkins
- Linux/UNIX, Thrift, Hadoop, Spark

EDUCATION

UNIVERSITY OF WATERLOO

Bachelor of Applied Science

Honours Computer Engineering,
Co-Operative Program

Waterloo, ON | Sep 2011 - Apr 2018

Algorithms/Data Structures, OS's, Embedded

Microprocessors, Networks, Databases, Distributed

Computing, Cooperative/Adaptive Algorithms,

Algorithm Design/Analysis, Programming for

Performance