IRVANJIT SINGH GILL

🎓 Waterloo Computer Engineering | >_ fullstack-web, mobile | 📖, 🎵, ☺, ⼁, ☬

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🖧 VOLUNTEER

KHALIS FOUNDATION | Volunteer Developer
Sacramento, CA (remote) | May 2016 - Present

‣ Contributor for a suite of web and native Electron apps (sikhitothemax.com)
‣ Helping develop the BaniDB API spec (banidb.com)

GURSEVAK | Lead Developer, Product Manager
Brampton, ON (remote) | May 2016 - Present

‣ Maintaining a suite of mobile education apps (app2.it/guios, goo.gl/gUgvJ6)
‣ Rewriting for speed/UX improvements, implementing new features, bug fixes
‣ Mananaging a small team of developers and designers to revamp/rebrand the charity's digital footprint across web and mobile

💼 EXPERIENCE

TESLA | Engineering Services Intern, Infrastructure
Palo Alto, CA | Sept - Dec 2017

‣ Implemented a load testing framework to improve performance of CAD design tools used for vehicle design
‣ Improved functional test tools and automated test reporting, build processes

APPLE | SWE Intern, iPhone Product Operations
Cupertino, CA | Sept - Dec 2016

‣ Implemented clientside features for an internal iOS app and deployed via AB testing
‣ Improved functional test tools and automated test reporting, build processes

CLEARBRIDGE MOBILE | Mobile Developer
Woodbridge, ON | Jan - Apr 2016

‣ Architected, developed and shipped Rethink Tires Android (bit.ly/rthDroid)
‣ Implemented features for NBC Telemundo, UGO Wallet and Rethink Tires iOS

TOAST | Automation Engineering Intern
Cambridge, MA | Jan - Apr 2015

‣ Developed a framework to automate integration testing for Toast POS on web and mobile (Java, JUnit, Selenium, Appium, Jenkins)
‣ Implemented features, bug fixes for Android, web clients (Java Play)

VECTORFACE | PHP Programmer
Ottawa, ON | May - Aug 2014

‣ Rewrote an internal localization web tool (AngularJS, Bootstrap)
‣ Improved utility and UX significantly from existing functionality

VITALHUB | iOS Developer
Toronto, ON | Sept - Dec 2017

‣ Implemented features, bug fixes for Vitalhub Chart iOS (bit.ly/vitalhub)
‣ Refactored legacy UI implementations to use semantic view designs

BNOTIONS | Mobile Developer
Toronto, ON | Sep - Dec 2012

‣ Implemented serverside features and APIs for client projects (Django)
‣ Developed a backend server for an internal team metrics dashboard (Flask)

IBM | Software Development and Test Engineering
Ottawa, ON | Jan - Apr 2012

‣ Implemented bug fixes, conducted sanity and performance tests for a11y

</> LANGUAGES

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

〈〉 TECHNOLOGIES

- Android, iOS, Django, Flask, Angular, Node, Meteor, Sass
- Git, Mercurial, MySQL, SQLite, Postgres, Heroku, AWS, Puppet
- Linux/UNIX, Thrift, Hadoop, Spark

🔧 PROJECTS

KNOCKER (CAPSTONE)
Smart door/home access system using facial recognition

DISCOVER GURBANI
 bit.ly/dscvDroid git.io/vwdeF
Android app to search/read the Sikh scriptures in multiple languages

QUATERLOO
 quaterloo.herokuapp.com /irvanjit/quaterloo
Android app to search/read the Sikh scriptures in multiple languages

MANGO
 git.io/vHtjf
NFC server-synchronized Contacts sharing POC for Android (Django)

HARDWARE PROJECTS
 irvanjit.com/old_projects/hardware

🎓 EDUCATION

UNIVERSITY OF WATERLOO
Bachelor of Applied Science
Honours Computer Engineering
Waterloo, ON | Sep 2011 - Apr 2018