IRVANJIT SINGH GILL

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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**
- 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**
- 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 (**sikhitothemax.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/Android apps: **app2.it/guios**, ▶ **goo.gl/gUgvJ6**
- Rewriting apps to improve speed/UX, feature work, and bug fixes
- Mananaging a small team of developers and designers to rebrand digital presence

SUMMARY

~3 years of SWE industry experience in web and mobile

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

PROJECTS

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

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

MANGO (MHACKS)

◯ git.io/vHtjf

NFC server-synchronized Contacts sharing POC for Android (Django)