

# IRVANJIT SINGH GILL

🎓 Waterloo Computer Engineering | ➤ fullstack-web, mobile | 📱, 🎵, 🧠, 🏠, 🌐

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## 📁 EXPERIENCE

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

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

🍏 **APPLE** | *SWE Intern, iPhone Product Operations* Cupertino, CA | Sept - 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 Pclients

👤 **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 ([sikhitothemax.com](https://sikhitothemax.com)), and the [banidb.com](https://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/guiois](https://app2.it/guiois), ➤ [goo.gl/gUgvJ6](https://goo.gl/gUgvJ6)
- Rewriting apps to improve speed/UX, feature work, and bug fixes
- Managing a small team of developers and designers to rebrand digital presence

## 📄 SUMMARY

**2.5 years** industry experience in SWE (~9 years overall)

## 🔗 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, Mercurial, MySQL, SQLite, Postgres, Heroku, AWS, Puppet, Jenkins
- Linux/UNIX, Thrift, Hadoop, Spark

## 🎓 EDUCATION

### UNIVERSITY OF WATERLOO

*Bachelor of Applied Science*

**Honours Computer Engineering**

Waterloo, ON | Sep 2011 - Apr 2018

## 🔧 PROJECTS

### DISCOVER GURBANI

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

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

### QUATERLOO

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

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

### MANGO (MHACKS)

🌐 [git.io/vHtjf](https://git.io/vHtjf)

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