Supreet Singh
Honours Mechatronics Engineering
Graduating from University of Waterloo

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SKILLS

Programming Languages: Proficient in **Python** and **Javascript**
Previously worked with **Java**, **Objective-C**, **C++**
Frameworks and SDKs: Django, Backbone, Marionette, Android SDK, Cocoa Touch
Source Control: Git, SVN
Proficient in object-oriented programming and software design

EMPLOYMENT

May 2015 / Aug 2015 — **Software Generalist** Hearsay Social, *San Francisco, CA*
- Independently completed the UI overhaul of the compliance application, working closely with customers to incorporate highly requested features
- Collaborated with various teams within the company to onboard new products to the compliance platform

Aug 2014 / Dec 2014 — **Full Stack Engineer** Minted, *San Francisco, CA*
- Implemented a suite of Business Analytics tools to get a deeper insight into consumer behavior. Technologies used: Optimizely, PostgreSQL, Mixpanel
- Added new services to the order fulfillment backend, providing net savings of over $200k per year to the company
- Improved the delivery estimator tool to provide more accurate order delivery due dates to the customers by taking into account various production factors

Jan 2014 / Apr 2014 — **Software Design Engineer** Hearsay Social, *San Francisco, CA*
- Designed and developed the Hearsay Social iOS application, adding features to the app along with architecting APIs in the Django backend
- Used analytics tools to learn about user behaviour and improve the app accordingly to drive up user engagement

May 2013 / Aug 2013 — **Firmware Engineer** Virtium Technologies, *Orange County, CA*
- Developed firmware and for industrial Solid State Drives and SD cards
- Designed an algorithm to detect and store defective blocks on a SSD. The new storage architecture reduced the memory usage by 88%

Sep 2012 / Dec 2012 — **Mobile Developer** HootSuite Media Inc, *Vancouver, BC*
- Implemented new features and bug fixes for HootSuite's Android app
- Coordinated with the mobile web team to bring HootSuite Conversations to both iOS and Android applications

Jan 2012 / Apr 2012 — **Research Assistant** University of Waterloo, *Waterloo, ON*
- Collected and analyzed data from hockey players using motion tracking sensors to create an electro-mechanical design for a hockey stick testing robot.

PROJECTS

Capstone Design Project: A gesture input wearable to bridge the gap between IoT and smartphones. Technologies: Embedded Systems, Bluetooth Low Energy
Instalytics: A web application to show in-depth analytics of your Instagram account. Technologies: Amazon Web Services, MarionetteJS, Django
International Space Settlement Design Competition: Runner up at the international design competition held by NASA at Johnson Space Center, Houston