

# Supreet Singh

## 3A Honours Mechatronics Engineering

Software Generalist seeking an Internship

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Programming Languages: Objective-C, Python, Java, C#, C++  
 Frameworks and SDKs: Django, Backbone.js, Bootstrap, Android SDK, Cocoa Touch  
 Source Control: Git and SVN  
 Proficient in object-oriented programming and software design



Aug 2014 **Minted**, San Francisco, CA

Dec 2014 **Software Engineer**

- Implemented a framework to leverage data from SurveyMonkey for calculating and reporting the customer satisfaction scores to the Product Managers.
- 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 **Hearsay Social**, San Francisco, CA

Apr 2014 **Software Design Engineer**

- 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 **Virtium Technologies**, Orange County, CA

Aug 2013 **Firmware/Software Engineer**

- Developed firmware 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%
- Used electrical and software engineering knowledge to set up a firmware validation rig for compact SD cards

Sep 2012 **HootSuite Media Inc**, Vancouver, BC

Dec 2012 **Mobile App Developer**

- 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 **University of Waterloo**, Waterloo, ON

Apr 2012 **Research Assistant**

- Collected and analyzed data from hockey players using motion tracking sensors to create an electro-mechanical design for a hockey stick testing robot.



### University of Waterloo

Candidate for Bachelors of Applied Science, Honours Mechatronics Engineering

- Resident of Velocity Startup Incubator



**International Space Settlement Design Competition:** Runner up at the international design competition held by NASA at Johnson Space Center, Houston

**Post iOS:** An iOS app to schedule status and photo updates for Facebook. Used Parse for cloud storage and IronMQ for scheduling

**Pomodoro Control:** An OSX application written in Swift that uses Pomodoro Technique to boost productivity