

Supreet Singh

3A Honours Mechatronics Engineering

Software Generalist seeking an Internship

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 supreet321



Programming Languages: Objective-C, Python, Java, C#, C++

Source Control: Git and SVN

OS: OSX, Windows, Debian

Hardware: Circuit Analysis, Mechanical Design



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 writing any required APIs in the Django backend
- Implemented different adoption tools such as web banners and in-site notifications to successfully hit the quarterly beta users goal
- 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 memory management features for Solid State Drive firmware
- Designed and implemented a Windows service for the continuous integration servers to control solid-state relay boards
- Used electrical and software engineering knowledge to set up a 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 apps

Jan 2012 **University of Waterloo**, Waterloo, ON

Apr 2012 **Research Assistant**

- Developed mechatronics systems for hockey stick testing equipment at Hockey Robotics, a startup closely associated with the University of Waterloo
- Collected and analyzed data from hockey players to improve the wrist design of the existing robot



University of Waterloo

Candidate for Bachelors of Applied Science, Honours Mechatronics Engineering

- Resident of Velocity Startup Incubator
- University of Waterloo President's Scholarship
- Faculty of Engineering Entrance Scholarship



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

Buddy Alarm: An alarm that requires NFC scanning to turn off. Android app hacked at MHacks at UMichigan. Hardware implementation in progress