Supreet Singh

3A Honours Mechatronics Engineering

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NAME

SKILLS

Programming Languages: C#, C++, Java, Python, Objective-C
Source Control: Git and SVN
OS: Windows, OSX, Debian and Ubuntu
Design: Photoshop and 3DS Max

EMPLOYMENT

Jan 2014 Apr 2014

Hearsay Social, *San Francisco, CA*

Software Design Engineer

- Worked on designing and developing 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 notifications to hit the quarterly beta users goal
- Used analytics tools to learn about user behaviour and improve the app accordingly to drive up user engagment

May 2013 Aug 2013

Virtium Technologies, *Orange County, CA*

Firmware/Software Engineer

- Developed new features for internal tools and SSD 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 mechanism for compact SD cards

Sep 2012 Dec 2012

HootSuite Media Inc, *Vancouver, BC*

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

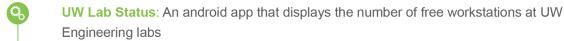**Jan 2012 Apr 2012**

University of Waterloo, *Waterloo, ON*

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

EDUCATION

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

PROJECTS

UW Lab Status: An android app that displays the number of free workstations at UW Engineering labs
Buddy Alarm: An alarm that requires NFC scanning to turn off. Android app hacked at MHacks at UMichigan. Hardware implementation in progress
Home entertainment system: Using Raspberry Pi for streaming and an old computer as the media server