Supreet Singh
3A Honours Mechatronics Engineering
Software Generalist seeking an Internship

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NAME

SKILLS

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

EMPLOYMENT

Jan 2014
Apr 2014

Hearsay Social, *San Francisco, CA*
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
Aug 2013

Virtium Technologies, *Orange County, CA*
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
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

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