**Suhong Jin**

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**Education**

**Northwestern University** **Evanston, IL**

B.S. Computer Science, GPA: 3.545/4.000 *Jun 2016*

**Relevant Coursework and Skills:**

Data Structure & Management, A.I. Programming, Digital Image Analysis, Machine Learning, Programming Languages, Intermediate Computer Graphics, Robotics Laboratory, Human Computer Interaction, Design & Analysis of Algorithms, Game Development Studio

**Software**: Android Studio, Unix, Eclipse, Visual Studio, Unity

**Languages**: Java, Python, C++, JavaScript, MATLAB

**Projects**

**TPad Android AccessibilityService** *May 2014 – Jun 2014*

* Allowed the visually impaired to navigate more easily through their touchscreen devices by developing an operating-system level implementation of the TPad, haptic feedback hardware for tablets
* First authored a paper and demoed at the ACM SIGACCESS Conference on Computers and Accessibility
* Paper: http://nxr.northwestern.edu/sites/default/files/publications/OS-Level%20Surface%20Haptics.pdf

**EmoticPic** *Nov 2015*

* Developed a service at a hackathon that detects emotions and adds additional images on top of the selfie
* Won the best use of AWS prize: http://devpost.com/software/emotipic
* Polishing the application by adding the images on the preview screen and adding themed image sets

**Work and Leadership Experience**

**Microsoft Senior Student Partner** *Evanston, IL (Sep 2014 – Jun 2016)*

* Inspired non-CS students to try coding by organizing and leading workshops with a technical evangelist
* Promoted to Senior Student Partner status this year and manage a group of other Microsoft Student Partners

**Software Developer Intern at Epic Systems** *Madison, WI (Jun 2013 - Sep 2013, Jun 2015 – Sep 2015)*

* 2013: Allowed hospital transportation workers to receive their assignments quicker through an Android app
* Designed and built a UI with color coded job statuses that made RESTful calls to the back end server
* 2015: Enabled patients to effectively and easily view their upcoming tasks by creating an Android app
* Demoed at the User Group Meeting to customers as a potential future application

**Research Aide at NIACAL Lab** *Chicago, IL (Jun 2014 – Sep 2014)*

* Ran partial least squares algorithm on MRI data to analyze and predict Alzheimer’s disease
* Identified PLS as a promising measure to compare people with different levels of cognitive impairment

**Software Developer at NxR Lab** *Evanston, IL (Jan 2014 – Jun 2014)*

* Encouraged people to be invested in surface haptics hardware by creating demos to present at conferences
* Wrote an operating system level implementation to allow use of the TPad in native applications

**Slivka Secretary of Academic Affairs** *Evanston, IL (Mar 2013 – Mar 2014)*

* Facilitated discussion about professors’ research topics as liaison between the dorm and university faculty
* Connected and built relationships between companies and the dorm students to find internships

**Awards**

**Best use of AWS at HackHarvard** *Nov 2015*

* Awarded for building an app that adds additional graphics to selfies by detecting the emotion of the user

**Summer Undergraduate Research Grant Fletcher Prize Finalist** *Sept 2014*

* Given to the most outstanding summer projects based on initial proposal, final research findings, nomination statements of faculty advisor and opinions of the original reviewers of the proposal
* Awarded for research on Alzheimer’s disease with partial least squares algorithm

**Emerging Underclassman Innovator Award** *April 2014*

Awarded for building a course selection and recommendation system at Northwestern’s hackathon