

Suhong Jin

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Education

Northwestern University

B.S. Computer Science, GPA: 3.545/4.000

Evanston, IL

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

Software: Android Studio, Unix, Eclipse, Visual Studio

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://nrx.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