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

Software Engineer at SalesBetty *Shorewood, WI (Sep 2016 – Present)*
- Allow clients to search for business contacts automatically by putting contact information from a website into a readable database

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

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