

# Sicong Jiang

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## EDUCATION

### UNIVERSITY OF WISCONSIN

#### BS IN COMPUTER SCIENCE

Expected May 2016 | Madison, WI

Cum. GPA: 3.2

## LINKS

Github:// [KevinSJ](#)

LinkedIn:// [Kevin Jiang](#)

## COURSEWORK

Algorithm  
Artificial Intelligence  
Computer Organization  
Computer Graphics  
Computer Networks  
Computational Photography  
Human-Computer Interaction  
Mobile System and Application  
Operating Systems  
Unix Tools and Scripting

## SKILLS

### PROGRAMMING

Over 1000 lines:

Java • JavaScript • Matlab  
C • Python • HTML5

Familiar:

Scheme • Swift • SQLite  
CSS • Shell • Assembly  
LaTeX • C++

### TECHNOLOGIES

Git • SVN • Vim  
Eclipse • Xcode • Struts

## EXPERIENCE

### TRAFFIC OPERATIONS AND SAFETY LAB | STUDENT HELP

Nov 2014 – Current | Madison, WI

- Worked on the software development team in primarily Java using Struts framework to design and develop new functionality for the Wisconsin Lane Closure System
- Integrated Google Map to the system using Javascript API
- All code was reviewed, perfected and pushed to production site.
- Other duties include resolving software issues with lab computers

### ALSTOM HIGH VOLTAGE SWITCHGEAR CO. | IT HELPDESK INTERN

May 2014 – August 2014 | Suzhou, Jiangsu, China

- Ensure proper recording, documentation and closure with trouble call related issues
- Troubleshoot and resolve basic network and server access problems for end-users from the Help Desk.
- Migrate client PC from Windows XP to Windows 7

## COURSE PROJECTS

### TUTOR FINDER

Feb 2016 - Current | Madison, WI

Worked in group to design and develop a iOS tutor finding app using Swift. The project is currently under active development.

### IMAGE DEHAZING USING DARK CHANNEL PRIOR

Mar 2015 - May 2015 | Madison, WI

Worked with Shiwei Zhou to develop and compare different dark channel prior algorithm that can be used to solve the problem of hazy images. All algorithms were implemented using MATLAB.

### SIMPLE UNIX SHELL

Sep 2015 - Dec 2015 | Madison, WI

A simple shell with support for Batch and Interactive modes, command history and redirection

### XV6 KERNEL HACK

Sep 2015 - Dec 2015 | Madison, WI

Implemented MLFQ scheduler, threading support, dynamic stack growth functionality and a reliable filesystem

### REDESIGN YAHOO FINANCE

Mar 2014 - May 2014 | Madison, WI

Worked in a group and redesigned the Yahoo Finance app to include the function of adding favorite stock.

## VOLUNTEER

### AMERICAN RED CROSS | DATA ENTRY VOLUNTEER

Sep 2013 - Current | Madison, WI

- Process and enter donation information into Red Cross database
- Generate acknowledgement letters and communicate with donors