Sicong Jiang

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EDUCATION

UNIVERSITY OF WISCONSIN
BS in Computer Science
Expected Graduation May 2016 |
Madison, WI
Cum. GPA: 3.2

SKILLS

PROGRAMMING LANGUAGES
Over 1000 lines:
Java • Matlab • C • Python
Familiar:
Scheme • Swift • SQLite
Assembly Language(x86)•LATEX • C++

WEB APPLICATION TOOLS
JavaScript•JSP•HTML•CSS
WebGL

DATABASE SKILLS
SQLite •PostgreSQL

TOOLS
Git • Sub Version • Vim
Eclipse • Xcode

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

LINKS

Github:// **KevinSJ**
LinkedIn:// **Kevin Jiang**

EXPERIENCE

TRAFFIC OPERATIONS AND SAFETY LAB | Student Developer
Nov 2014 – Current | Madison, WI
- Worked in primarily Java using Struts framework to maintain and develop new functionality for the Wisconsin Lane Closure System
- Adding pagination to the search results and integrate Google Map to the system using Javascript API.In production.
- Enhanced the validation mechanism on the website and apply various fixes to the system.

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

ACADEMIC PROJECTS

TUTOR FINDER
Feb 2016 - Current
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
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
A simple shell implemented in C with support for Batch and Interactive modes, command history and redirection.

XV6 KERNEL HACK
Sep 2015 - Dec 2015
Implemented MLFQ scheduler, threading support, dynamic stack growth functionality and a reliable filesystem in C.

REDESIGN YAHOO FINANCE
Mar 2014 - May 2014
Worked in a group and resigned 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