Sicong Jiang

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EDUCATION

UNIVERSITY OF WISCONSIN
BS in Computer Science
May 2016 | Madison, WI
Cum. GPA: 3.19

SKILLS

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

WEB APPLICATION TOOLS
JavaScript•JSF•Spring•JSP
JSF•BootStrap•WebGL•Hibernate

DATABASE SKILLS
SQLite •PostgreSQL

TOOLS
Git • SubVersion • 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 primarilly 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 WisLCS system using Javascript API to make it easy for users to select landmarks. In production.
- Continue as a research intern after graduation to develop various enhancements for Wisconsin Transportation Management System using Spring, Hibernate and JavaServer Faces. Currently focus on developing section-based comment for 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 - May 2016
Worked in group to design and develop a iOS tutor finding app using Swift. Students can choose to be either a tutor or tutee to help each other. The app is developed using Loopback framework.

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 file system in C.

SIDE PROJECTS

PROJECT JOURNEY TO THE WEST
Apr 2016 - Current
Project Journey to the West is designed to use modern web technologies to introduce the classic Chinese novel *Journey to the West* to readers whose native language is not Chinese. The project is built using Node.js, D3.js and Bootstrap. The website is hosted on Heroku.