Sicong Jiang

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EDUCATION

UNIVERSITY OF WISCONSIN

BS in Computer Science
May 2016 | Madison, WI
Cum. GPA: 3.2

SKILLS

PROGRAMMING LANGUAGES

Over 1000 lines:
Java • Matlab • C • Python • JavaScript
Familiar:
Scheme • Swift • SQLite
Assembly Language(x86) • LaTeX • C++

WEB APPLICATION TOOLS

Node.js • Bootstrap • HTML5 • 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 troubleshotting calls.
- Troubleshoot and resolve basic network and server access problems for end-users from the Help Desk.
- Migrate client workstations from Windows XP to Windows 7.

ACADEMIC PROJECTS

TUTOR FINDER

Feb 2016 - May 2016

The tutor finder app is intended to use as a tool for college students help each other. Students can decide to be a tutor or tutee and choose to be either a tutor or tutee.The server side of the app is built using Loopback.

IMAGE DEHAZING USING DARK CHANNEL PRIOR

Mar 2015 - May 2015

Worked with partner 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.

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.

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