

SHUO LI

Phone: (217)898-0952
Email: lishuokobe2@gmail.com

Website: <http://shuoli7.github.io>
GitHub: github.com/shuoli7

OBJECTIVE

Seeking an entry level or new grad **full-time** position as a software engineer

EDUCATION

University of Illinois at Urbana-Champaign - Urbana, IL
Master of Science in **Electrical and Computer Engineering**, GPA: 3.45/4.00 05/2015

University of Illinois at Urbana-Champaign - Urbana, IL
Bachelor of Science in **Electrical Engineering, with Honors**, GPA: 3.58/4.00 05/2013

Featured Studies: Data Structures, Algorithms, Database, Web Development, Machine Learning (in progress)

WORK EXPERIENCE

University of Illinois, *Teaching Assistant* - Urbana, IL 08/2013 - 05/2015
• Taught a digital systems design class (ECE 385) with 30 plus students using C++, Verilog and FPGA

Nanyang Technological University, *Software Engineering Intern* - Singapore 06/2013 - 08/2013
• Built a Python web crawler with Scrapy for social networks to assist a psychological research project

PROJECT EXPERIENCE

Database-driven Web-based Budget Manager (Team) 03/2015 - 06/2015
• Developed a web application that provides users with services to wisely manage their budgets including input daily spendings, review monthly expenses and monitor transaction history
• Built the web-app with MEAN stack (MongoDB, Express.js, AngularJS, Node.js)
• Implemented additional features that improves UX design such as automated emails for new user verification, password reset, and overspending alerts
• Wrote the app in HTML/CSS, JavaScript and styled it with Foundation framework (responsive design)

Online Task Management System (Individual) 01/2015 - 03/2015
• Developed a RESTful API for a task manager that provides APIs for front-end to register/login and add/edit/delete tasks using Node.js/Express.js and MongoDB

Search Engine for Wikipedia articles using Apache Hadoop (Individual) 03/2014 - 05/2014
• Wrote a XML crawler in Java to format the very large data sets into individual articles
• Implemented Map and Reduce using Hadoop to form the inverted index
• Built Search and Rank that return results ranked by the frequency of occurrence of the word searched

Database-driven Web-based Course Scheduler (Team) 08/2013 - 12/2013
• Developed a web application that allows users to wisely make study plans. Features include input and receive course information, rate hardness and check prerequisites in details
• Built the web-app with LAMP stack (Linux, Apache, MySQL, PHP)
• Implemented advanced feature to improve UX design - display the prerequisites in a tree graph
• Wrote the app in HTML/CSS, JavaScript, PHP and styled it with jQuery

SKILLS

Programming	proficient: Java, Python, HTML/CSS, JavaScript, Verilog
Frameworks	prior experience: C++, PHP, SQL Node.js/Express.js, AngularJS, jQuery
Tools	Git, Photoshop
Systems	Mac OS X, Unix/Linux, Windows
Languages	Mandarin Chinese (native), English (fluent)