

Songyu Li

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EDUCATION

University of Illinois at Urbana-Champaign

BS Computer Science (Expected May, 2018)

GPA: 3.87/4.0

Dean's List in Fall 2014, Spring 2015 and Fall 2015

Coursework: Software Engineering, Numerical Analysis, System Programming, Data Structure, Discrete Structure, Computer Architecture, Calculus and Linear Algebra

EXPERIENCE

Courseware Developer

May 2016 - August 2016

Jisuanke.com, Beijing, China

- Participated in developing and testing an online programming environment for Jisuanke's Computer Science courses
- Developed auto-grader which serves as the extension of an online programming assignment system. It can grade user's code, report memory usage and errors, and interact with other parts of the homework system. The program is written in C and C++
- Designed other course materials for Data Structure and System Programming courses in Jisuanke

Course Assistant

2015

University of Illinois at Urbana-Champaign

- Held CS 125 office hours every week, and helped students debug their code
- Prepared materials for discussion sections

Teaching Assistant

2014

New Oriental Education, Hefei, China

- Helped students prepare for SAT and ACT
- Supervised quizzes and graded homework

SKILLS

- Familiar with C, C++, Node.js and Java
- Familiar with Git
- Basic knowledge of HTML, CSS, and MySQL

PROJECTS

Meinspider: A Web Crawler Made With Cheerio.js

A crawler that can crawl into web pages and collect texts, images, and other webpage elements based on HTML tags specified by user. It is made with Node.js and Cheerio
