Shen Huang

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Computer Skills

Languages: Python, C/C++, Ruby, JavaScript, Mathematica, Matlab

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Experience

December 2013 - Present

Software Engineer, *NJUST*, Nanjing, China.
- Built a website(https://njoj.org/), which is online judge system.
- Used django to build the back-end system and Bootstrap to design the webpages.

March 2016 – April 2016

Compete in ASC Student Supercomputer Challenge, *Inspur Group*, China.
- Won Prize of Excellence in the challenge.
- Designed and optimize algorithms in HPC.
- Used HPCG Test to get highest possible efficiency.
- Gave an useful optimization for the DNN program on the CPU + MIC Platform.

January 2016 – April 2016

Data Science Engineering Intern, *Future Network institute*, Nanjing, China.
- Aanlyzed the data provided by AP and WiFi monitors.
- Used Spark to deal with the whole log data provided by monitors.
- Developed a model to track each person's network behavior in the whole system.

October 2015 - January 2016

MusicFM website, *NJUST*, Nanjing, China.
- Built an online music website (music.smilebooky.com) using node.js.
- Performed ORM and routing assignment using MongoDB as database.
- Designed front-end UI by using Bootstrap and Angular.
- Implemented a recommendation system by using clustering methods to recommend top 5 songs.

Education

Fall 2016 -

Computer Science, University of Colorado Boulder, *Boulder, CO*.

Fall 2012 - Summer 2016

Computer Science, Nanjing University of Science & Technology, *Nanjing, China*, Overall GPA: 3.6.
CS Majors GPA: 3.6 Rank: 2

Extra

- Contributor to open source projects - see https://github.com/LichAmnesia
- 5th Overall, Bronze Medal in the ACM - International Collegiate Programming Contest
- 3rd in the National Software Design Contest
- Outstanding Students Award in China
- Member of the GDG Sub