

Shouda Wang

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www.shoudaw.com

EDUCATION

New York University, New York, NY

Sep. 2012-May. 2014

M.S. Candidate in Computer Science (GPA: 3.7/ 4.0)

Hebei University of Technology, Tianjin, China

Sep. 2008- Jul. 2012

B.S. in Computer Science (GPA: 3.5/ 4.0)

TECHNICAL SKILLS

Programming languages: Python, Java, JavaScript, C++, C#, Shell script, MATLAB,
Database Development: MySQL, MongoDB
Frameworks and Platforms: Django, Node.js, Bootstrap, Struts2, ASP.NET, Hadoop
Tools and Services: Vim, Git, Subversion, AWS, Vagrant, Selenium, Apache, Nginx Celery, Ant, JUnit

PROFESSIONAL EXPERIENCE

Street of Walls Inc. New York, NY

Feb. 2013–Present

Full-Stack Developer Intern

- ♦ Email and CRM system for salespeople.
 - A CRM system.
 - Integrate seamless with Gmail and Google App.
 - Email tracking and analysis report.
 - Used Django, Celery and Bootstrap.
- ♦ Job application handler.
 - A Java daemon as backend which monitoring multiple email accounts. A Django web app as a frontend control panel.
 - Parse incoming emails and resumes and extract contact and job information.
 - Reply applicants base on the job and their contact info using preset templates.
- ♦ Web Crawler.
 - Fetch jobs info from employment-related search engines.
 - Convert data to JSON and import to our system.

CERTIFICATION

RHCSA (Red Hat Certified System Administrator)

- ♦ Id: [130-224-140](#)

RHCE (Red Hat Certified Engineer)

- ♦ Id: [130-224-140](#)

ACADEMIC PROJECTS

Yet Another File System (YFS)

Sep, 2013

- ♦ YFS is a distributed file system building on FUSE in the spirit of Frangipani.
- ♦ Implemented file operations such as create, lookup, readdir, setattr, write, read, mkdir and unlink.
- ♦ Built lock server and extent server. Implemented caching for both lock and extent client.
- ♦ Implemented fault tolerant using Paxos.

GeoPort

May, 2013

- ♦ Built a social networking site where users can geo-find events, groups and other users.
- ♦ Utilized APIs of Meetup, Google Maps and Google Geocoding. Implemented the website with Django, MongoDB and Bootstrap.
- ♦ Created an Android client.

Twitter Trends

May, 2013

- ♦ Collect Twitter data. Store it on Amazon S3.
- ♦ Design and implement a Map/Reduce algorithm with mrjob. Run it on Amazon EMR.
- ♦ Generate tags cloud to visualize the output data.

Monitoring and Analysis System for Renewable Energy

Jun, 2012

- ♦ A real-time data analysis system.
- ♦ Created time series analysis and neural network algorithm in MATLAB.
- ♦ Integrate MATLAB code with ASP.NET web app.