

# Shouda Wang

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[www.shoudaw.com](http://www.shoudaw.com)

## EDUCATION

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**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

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**Programming languages:** Python, Java, JavaScript, C++, C#, Shell script, MATLAB,  
**Database Development:** MySQL, MongoDB  
**Frameworks and Platforms:** Django, Node.js, Bootstrap, Struts2, ASP.NET, WordPress, Django-CMS  
**Tools and Services:** Vim, Git, Subversion, Vagrant, Celery, Ant, JUnit, mrjob, Scrapy, Rabbitmq

## ACADEMIC PROJECTS

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### 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

### 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.

## PROFESSIONAL EXPERIENCE

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### 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

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### RHCSA (Red Hat Certified System Administrator)

*Dec, 2013*

- ◆ Id: [130-224-140](#)