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, WordPress, Django-CMS
Tools and Services:	Vim, Git, Subversion, Vagrant, Celery, Ant, JUnit, mrjob, AWS

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.

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

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