Shouda Wang

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EDUCATION

New York University, New York, NY   *Sep. 2012-May. 2014*
  M.S. 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++, Shell script, C#, MATLAB
Database Development:	MySQL, MongoDB
Frameworks and Platforms:	Django, Node.js, jQuery, Bootstrap, backbone.js, mrjob, Hadoop
Tools and Services:	Vim, Git, AWS, Vagrant, Selenium, Apache, Nginx, Celery

PROFESSIONAL EXPERIENCE

Amazon

Fulfillment by Amazon   *Jul. 2014 – Present*
Software Development Engineer

My team built and maintained highly available and scalable distributed systems that enabled FBA Sellers to send their inventory to Amazon, and we balanced superior user experience with supply chain and fulfillment center network optimization.

- Indian FCs Selection Project.
  - Created a new planning strategy and an eligibility checker for Indian marketplace. Make sellers able to select the destination state.
  - Modify the UI in Indian marketplace.

- Fatal Errors Reduction.
  - Created an internal tool to scan the logs of our service. It generates daily and weekly reports with the root causes and seller impacted of each fatal error.
  - It saves our oncall lots of time. The oncall no longer need to search the log every day.
  - Based on the stats we got, we make long term or short term solutions for the errors.

Vettery Inc. New York, NY

Feb. 2013– July 2014

Full-Stack Developer Intern

- Email and CRM system for sales management.
  - A CRM (Customer Relationship Management) 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 monitors multiple email accounts. A Django web app as a frontend control panel.
  - Parse incoming emails and resumes and extract contact and job information.
  - The Java daemon replies applicants based on the job they applied to and their contact information using preset email templates.

- Independently built these tools and deployed them. My system presently used by the sales team as a critical part of their workflow.

ACADEMIC PROJECTS

Yet another File System (YFS)

Sep, 2013

- YFS is a distributed file system building on FUSE modeling the architecture of Frangipani using C++
- 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.

CERTIFICATION

RHCE (Red Hat Certified Engineer)   Id: 130-224-140