**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, jQuery, Bootstrap, Struts2, ASP.NET, mrjob, 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 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.
* Web Crawler.
  + Fetch job information from employment-related search engines using Scrapy and Python
  + Convert data to JSON and import to Street of Walls’ server.
* Independently built these 3 tools and deployed them. My system presently used by the sales team as a critical part of their workflow.

**CERTIFICATION**

**RHCSA (Red Hat Certified System Administrator)**

* Id: [130-224-140](http://www.redhat.com/wapps/training/certification/verify.html?certNumber=130-224-140&isSearch=False&verify=Verify)

**RHCE (Red Hat Certified Engineer)**

* Id: [130-224-140](http://www.redhat.com/wapps/training/certification/verify.html?certNumber=130-224-140&isSearch=False&verify=Verify)

**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**](http://geoport.co/)

*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 and store it on Amazon S3 using boto and Python.
* Design and implement a Map/Reduce algorithm with mrjob. Deployed 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 written in C# and MATLAB.
* Created time series analysis and neural network algorithm in MATLAB.
* Integrate MATLAB code with ASP.NET web app.