Litie Zhu

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Experience

Amazon.com, Inc.
Software Development Engineer Intern — Jun. 2015 - Dec. 2015

- Worked with: Java, Ruby, Ruby on Rails, Amazon Redshift, Bootstrap, jQuery
- Revamped compliance reports UI.
- Developed a portal that is actively used by compliance members to exclude Amazon subsidiaries from compliance reports.
- Granulated reports UI access control structure.

offerladder.com(Online career coaching)
Part-Time Website Developer — Mar. 2015 - May 2015

- Worked with: PHP
- Heavily involved in site early development.
- Setup user register & login functionalities (LinkedIn profile integrated).
- Created admin management portal.
- Setup Emailing system.

IBM Watson University Competition Team
Software Developer — Oct. 2014 - Jan. 2015

- Worked with: CSS, HTML, JavaScript
- Developed a prototype web app and supporting business plan aiming to enhance customer support experience using IBM Watson.

Cisco Systems, Inc.
Software Engineer Intern — May 2014 – Aug. 2014

- Worked with: C++, Git, Python, cURL, pytest
- Consolidated the security procedures for the network traffic on TV Boxes that handle TV Guide information.
- Converted the default customer configuration system from hard-coded to dynamic so users can change their settings from their home using their remote.
- Learned code-reviews, agile dev. and maintained build.

Research

Utilizing First Responders Social Network
Part-Time Research Assistant — Mar. 2013 – June 2013

- Worked with: Python
- Utilized social network to enhance preparation of first responders.
- Preprocessed tweets crawled from Twitter.

Education

Rensselaer Polytechnic Institute   Jun. 2016
B.S. in Computer Science   3.88/4.0

- 6x Dean's List

Skills

Programming Languages

3+ years: C++, Python
1+ year: Java, C, CSS, HTML, JavaScript, PHP, SQL
<1 year: Ruby

APIs, Frameworks, & Libraries

<1 year: Bootstrap, Django, JQuery, NLTK, Requests, Ruby on Rails, Scrappy, Twitter API, pytest

Other

2+ years: Linux/Unix
1+ year: Git
<1 year: AWS, Eclipse, Emacs, Photoshop

Class/Personal Projects

Simple word frequency counter that utilizes MapReduce.
E-card creating/sharing web platform.
Twitter tweets sentiment analyzer.
Interactive shell capable of executing basic Unix commands.
File back utility that creates backup files.
Multithreaded file storage server that stores incoming files.
Clone of the Tetris game with graphical user interface.

Awards

IBM Watson University Competition Semifinalist   1/2015
RPI Intramural 3v3 Basketball Championship   11/2012
Rensselaer Leadership Award   8/2012

Leadership & Activities

Upsilon Pi Epsilon Member   2015
Chinese Students Association Media Vice-Head   2013-2014
Society of Asian Scientists & Engineers Committee   2014
RPI CS Department Mentor   2013-2014
RPI Relief: Hurricane Sandy Volunteer   2013
RPI Beatbox Club Co-Founder   2012
Arista(National Honor Society) Member   2010-2012
Red Cross Volunteer   2010-2011