

Litie Zhu

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Experience

IBM Watson University Competition Team

Software Developer — Oct. 2014 - Jan. 2015

- o Worked with: CSS, HTML, JavaScript
- o 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

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

buyuan.org

Part-Time Developer — May 2013 - Mar. 2014

- o Worked with: Django, MediaWiki, Python, Scrappy
- o Built a crawler that grabs brief description of desired university from Wikipedia.
- o Built a script that translates desired university's name between Chinese and English.

Research

RPI Tetherless World Constellation

Part-Time Research Assistant — Mar. 2013 - June 2013

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

Projects

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.

Education

Rensselaer Polytechnic Institute

B.S. in Computer Science

Dec. 2015

3.88/4.00

- o 5x Dean's List

Benjamin N. Cardozo High School

June 2012

4.00/4.00

Skills

Languages

20+ years: Mandarin Chinese, Wenzhou Dialect

9+ years: English

Programming Languages

2+ years: C++, Python

1+ year: Java

<1 year: C, CSS, HTML, JavaScript, PHP, SQL

APIs, Frameworks, & Libraries

<1 year: Bootstrap, Django, JQuery, MediaWiki, NLTK, Requests, Scrappy, Twitter API, pytest

Other

2+ years: Linux/Unix

1+ year: Git

<1 year: Eclipse, Emacs, Photoshop, XAMPP, Xcode

Awards

IBM Watson University Competition Semifinalist 1/2015

RPI Intramural 3v3 Basketball Championship 11/2012

Rensselaer Leadership Award 8/2012

Museum of American Finance Literacy Certificate 4/2012

Leadership & Activities

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