

Zhenjie (Jason) Ruan

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Skills

Language: Mandarin Chinese (native) English (bilingual)
Programming: Python (inter) | Java (inter) | Bash Scripting
HTML5/CSS3 | Django | Objective-C | Node.js

Education

BOSTON UNIVERSITY | Boston, MA

Computer Science; Pure & Applied Math(Double Major)

Sep. 2013 - May. 2017

- GPA: 3.7/4.00
- Dean's List(all semesters)

Relevant Courses: Combinatoric Structures Concepts Of Programming Languages
Computer Systems Cloud Computing Linear Algebra
Fundamentals Of Computing Systems Probability Differential Equations

Work Experience

Course Assistant (Concepts of Programming Language) Jan. 2015 - Present

Boston University Computer Science Department

- Assist instructor to help students understand course materials better
- Answer questions regarding homework

Terminal Assistant Sep. 2014 - Present

Boston University Undergrad Computer Science Lab

- Performs first tier administrative help in hardware and software to students and faculty such as installing operating systems and navigating through Linux terminals
- Assist with computer science assignments, projects and submissions

Technical Support Engineer May. 2014 - Aug. 2014

Microsoft Shanghai

- Work along side premier field engineers to deliver on-site support to Microsoft clients
- Write unit test cases for adjustments that premier field engineers made

Recent Projects (code can be found @ <https://github.com/Shadowyyyy/>)

Network-aware Container Distribution System (In Progress)

Code is not public because of NDA

- This project aims at creating a solution to use idle networking resource to distribute data inside datacenter (private cloud). <https://github.com/BU-EC500-SP15/docker-dist-net>
- Technology used: Bash Scripting, Python, MongoDB, Bittorrent, Node.js

Programming Language In-Class Project

- Using Python to implement compiler and interpreter following certain inference rules.
- Implement type checking algorithm on source code.

JiSuan

Yhack 2014

- A simple and light-weight inline text calculator
- Implemented using Objective-C

PenGame

- A simple game written in Java
- Human player plays against an A.I. Whoever draw a triangle first lost