

Justice Suh

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Education

Georgetown University
B.S. Computer Science
Graduating May 2019

Skills

Languages: Python, Java, PHP, C++, Javascript

Frameworks: Django, jQuery, Symfony

Technologies: Atlassian, Packer, Vagrant, Puppet

Projects

Houdini

Created a centralized user store to manage user roles and permissions along with handle single sign on via JSON web tokens.

Hack North Korea

Team Skylife

Won a trip to South Korea to talk with North Korean defectors and activists about our idea in regards to providing North Korean's with live satellite television.

Cosmos Browser

An Android application that lets users browse the internet without data or WiFi. The application used a custom SMS text messaging protocol to transport compressed HTML data.

Work

Teaching Assistant

January 2017 - Present

COSC 010 - Introduction to IT (January 2017 - May 2017)

- Graded Python lab assignments and provided feedback to students
- Held weekly office hours and answered questions

ANLY 500 - Advanced Programming Topics (June 2017 - Present)

- Graded weekly graduate student projects in R and Python

Students of Georgetown, Inc.

October 2015 - Present

Director of IT (March 2017 - Present)

- Oversaw the simultaneous development of 7 enterprise software systems
- Conducted weekly presentations to educate team of 16 on programming and development
- Led code reviews to mentor new developers and improve code quality
- Migrated away from Atlassian in favor of GitHub and CircleCI to minimize systems administration costs

Systems Administrator (September 2016 - March 2017)

- Developed a three-tiered development workflow using Packer, Vagrant, and Bamboo
- Managed company servers and ensured minimal system downtime
- Enforced system administration and engineering best practices
- Administered Bitbucket Server, JIRA, Confluence, and Bamboo instances needed for development

Interim Director of IT (May 2016 - September 2016)

- Overhauled job hiring application website
- Integrated with Square to generate reports needed for financial audit
- Implemented backup solution to prevent large scale data loss

Software Developer (October 2015 - May 2016)

- Created an order ahead system using Angular, Django, and Agile methodologies

Pigeonly

February 2015 - May 2015

Software Engineering Intern

- Ported portion of codebase from Symfony to Django
- Experimented with test driven development and behavior driven development
- Used Django, Celery, and Mechanize to create a centralized search engine for inmate population data