

# Justice Suh

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## Education

**Georgetown University**  
B.S. Computer Science  
Graduating May 2019

## Skills

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

**Frameworks:** Django,  
Flask, Symfony

**Technologies:** Atlassian,  
Packer, Vagrant, MySQL

## 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 to provide North Korean's with live satellite television

### Cosmos Browser

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

## Work

### Teaching Assistant

January 2017 – Present

COSC 010 - Introduction to Information Technology

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

ANLY 500 - Advanced Programming Topics

- Graded weekly graduate student projects in R and Python

### Students of Georgetown, Inc.

October 2015 – December 2017

Director of Information Technology

- Oversaw the simultaneous development of 4 enterprise software systems
- Led code reviews to mentor new developers and improve code quality
- Decreased departmental costs by over 90%
- Implemented company-wide network infrastructure

Systems Administrator

- Integrated with Square to generate reports needed for financial audit
- Created daily backup solution to prevent large scale data loss
- Developed a three-tiered continuous integration workflow using Packer, Vagrant, and Bamboo
- Maintained Bitbucket Server, JIRA, Confluence, and Bamboo instances needed for development

### Pigeonly

February 2015 – May 2015

- Ported portion of codebase from Symfony to Django
- Used Django, Celery, and Mechanize to create a centralized search engine for inmate population data

### Atlas Research

October 2014 – January 2015

- Maintained IT helpdesk and internal computer network
- Built tools to automate certain tasks, such as employee onboarding and document management