

# JOSEPH KIM

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## EXPERIENCE

**OSIRIS Research Lab** | *Member; Communications Chair*  
March 2018 – Present

- Contributing to work produced by the lab
- Participating in lab events and activities, such as CTFs

May 2018 – Present

- Maintaining external communications on lab's behalf
- Help manage lab's extensive networking connections
- Organizing events held by and for OSIRIS

**NYC Cyber Command** | *Engineering Intern*  
June 2018 – Present

- Creating network diagrams and documentation for the engineering team's project
- Written script to help automate HR's hiring process
- Shadowing SIRT team to see how security issues are prevented, monitored, and treated

**V V Patchouli** | *Software Engineering Intern*  
April 2018 – June 2018

- Designed, created, and maintained company site to capture the company's aesthetic and culture

**Intro to Computer Science** | *Teaching Assistant*  
December 2017 – May 2018

- Helped design the course including its various lecture topics, homework assignments, projects, etc.
- Engaged with students to develop their understanding of significant concepts in programming and the computer science industry

## PROJECTS

**Slack Request Relay** | *June 2018 – Present*

- Creating a way for Slack workspace admins to easily manage new single-channel user requests
- Uses: Python, Flask, Slack API

**GitarTheory** | *December 2016 – Present*

- Guitar chord database that works with properties of different chord qualities
- Created to help beginners learn guitar
- Uses: Python

**josephjd.kim** | *December 2016*

- Personal website
- Uses: HTML, CSS

## SKILLS

**Proficient:** Python, C++

**Familiar:** HTML, CSS, JavaScript, C, Assembly, SQL

## EDUCATION

**New York University** | *Class of 2020*  
September 2016 – Present

**Tandon:** Pursuing B.S. in Computer Science  
**CAS:** Pursuing minor in Philosophy

- Design and Analysis of Algorithms
- Computer Architecture
- Computer Networking
- Data Structures and Algorithms
- Object-Oriented Programming
- Data Analysis
- Linear Algebra and Diff. Eq.

## ACTIVITIES

**TRM - CITY2017** | *Counselor & Media Team*  
May 2017 – August 2017

- Christian youth retreat counselor
- Led promotional film/photography

**Milal America Wheat Mission** | *Supervisor*  
December 2015 – July 2016

- Served individuals with developmental disabilities
- Supervised and managed other volunteers

## PERSONAL INTERESTS

- Visual Arts / Film & Photography
- Fashion
- Music / Guitar
- Nonprofits / Volunteering

