

# JOSEPH KIM

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## EXPERIENCE

### **NYC Cyber Command** | *Engineering Intern*

June 2018 – Present

- Creating diagrams for project documentation
- Writing code to improve the applicant screening workflow, using Jira API
- Shadowing SIRT team to see how security issues are prevented, monitored, and treated

### **OSIRIS Research Lab** | *Member; Operations Chair*

March 2018 – Present

- Contributing to projects and research for the lab
- Participating in lab events and activities

May 2018 – Present

- Organizing events held by and for the OSIRIS cybersecurity lab, such as lectures, workshops, etc.

### **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

### **TBDTS Games** | *Co-founder*

June 2014 – April 2017

- Led artwork and design for two games that were made and released with my best friends in high school

## PROJECTS

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

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

### **josephjd.kim** | *December 2016 – Present*

- Personal website
- Uses: HTML, CSS

### **GitarTheory** | *December 2016*

- Guitar chord database that works with properties of different chord qualities
- Uses: Python

## SKILLS

**Proficient:** Python, C++

**Advancing:** HTML, CSS, JavaScript, Assembly

## 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.

## ORGANIZATIONS

**TRM - CITY 2017** | *Counselor & Media Team*

May 2017 – August 2017

- Christian youth retreat/camp counselor
- Led promotional film/photography

**Milal America Wheat Mission** | *Supervisor*

December 2015 – July 2016

- Served individuals with disabilities; managed other volunteers

**DECA Marketing Club** | *State-Finalist*

September 2013 – June 2016

- Required rapid problem-solving and critical thinking as well as strong communication skills
- Founded and managed school store

## PERSONAL INTERESTS

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

