

# DAVID KIM



Brooklyn, NY



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whoisdavidkim.com

## CODING LANGUAGES

Python  
Javascript  
HTML/CSS  
SQL/NoSQL  
Java

## TOOLS

Git/Gitlab/Github  
atheris/pytest  
Django/FastAPI/Flask  
Svelte  
MySQL/Mongo  
Splunk/Phantom  
Kenna  
Nessus  
NMAP  
JIRA

## SKILLS

Vulnerability Assessment  
App Fuzzing/Testing  
Security Automation  
Microservices  
Data Analytics  
Reporting

## CERTIFICATIONS

CompTIA Security+ (exp)

## PROFESSIONAL EXPERIENCE

### Northwestern Mutual Insurance

New York, NY

TD/R Security Automation Engineer

May 2021 – Present

- Created Phantom API Bridge to allow automated calls for asset management, hashicorp integrations, and more
- Developed En/Decoder Splunk app in Python to assist TD team, reducing time spent on SPL searches by 25%
- Developed Splunk app for DLP team to allow Slack usage auditing
- Migrated existing apps from Python 2.x to 3.x
- Created playbooks in Phantom SOAR platform to automate existing IR manual processes, reducing workflow times by 50%+

### HSBC

Jersey City, NJ

VM Security Automation Engineer

Nov 2019 – Nov 2020

- Developed and maintained internal VM products, collecting and managing global vulnerability data for 100K+ endpoints using Python
- Created and maintained vulnerability assessment webapp using Django
- Created URL whitelisting service used by 20,000 developers with FastAPI
- Reviewed other developers' code to remediate any bugs/vulnerabilities

### NYC Department of Finance

New York, NY

Network Operations

Jun 2019 – Nov 2019

- Built Software Mgmt and Deployment PoC for IT Dept through setting up connection b/w Nexus Server and Chocolatey endpoints
- Created Ansible playbooks for querying info from on-prem endpoints and automate installing software on servers

### Command Group

Washington, DC

Security Advisory and Management Services

Sep 2016 – Apr 2017

- Created reports on OSINT regarding security concerns to clients
- Researched business development opportunities in the Middle East

## EDUCATION

### NYU Tandon School of Engineering

Brooklyn, NY

M.S. Computer Science | GPA: 3.8

Sep 2018 – May 2020

- Security Eng and Mgmt
- Application Security
- Network Security
- Computer Security
- Database Design and Mgmt
- Big Data
- Security Analytics
- Digital Forensics
- Computer Networking
- Design & Analysis of Algorithms

### Northern Virginia Community College

Manassas, VA

Continuing Education | GPA: 4.0

May 2017 – May 2018

- Data Structures
- Linear Algebra
- Discrete Mathematics
- Computer Organization

### College of William and Mary

Williamsburg, VA

B.S. Neuroscience

Aug 2011 – May 2015