

EXPERIENCE

MWR InfoSecurity, an F-Secure Company

Summer Security Intern (June 2019 – August 2019)

- Conducted multiple mock-jobs requiring pentesting applications, writing reports, and in one instance, roleplaying a presentation for “the client”
- Built an offensive security tool in C# that automatically searches for secrets pushed onto shared corporate services such as *Confluence*, *Slack*, and *Office 365*

CTFd

Contractor (January 2019 – February 2019)

Contractor (June 2019 – June 2019)

- Built and documented 13 unique security software challenges for national academic competition, primarily with Python and C
- Containerized and deployed security challenges using Docker

NYC Cyber Command

Engineering Intern (June 2018 – October 2018)

- Created network diagrams and documentation for the engineering team’s project
- Helped write Python script to automate HR’s hiring flow
- Shadowed SIRT to see how security issues are prevented, monitored, and treated

Intro to Computer Science

Teaching Assistant (December 2017 – May 2018)

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

SKILLS

Languages: Python, JavaScript, C#, MySQL, C, HTML, CSS, C++, Assembly

Tools & Technologies: ReactJS, Docker, Flask, Git, Unix, AWS

PROJECTS

League of Data | November 2019

- Web application that analyzes data from top *League of Legends* players’ matches to determine ideal team compositions
- Uses: Python, SQL, ReactJS

Indra | September 2019

- Open-source web application that visualizes agent-based modeling
- Developing React components and refactoring existing frontend code with emphasis on DevOps practices
- Uses: ReactJS

Partial MNIST | December 2018

- Created a neural network from scratch designed to recognize images of handwritten digits
- Uses: Python

EDUCATION

New York University | Graduating May 2020

Tandon: Pursuing B.S. in Computer Science

CAS: Completed minor in Philosophy

OSIRIS Research Lab

Member (March 2018 – Present)

Communications (May 2018 – January 2019)

- Managed external communications with lab’s extensive network of industry professionals and company sponsors
- Organized events held by OSIRIS, such as our public weekly seminar series, and larger, cross-school events

Interesting Courses: Front End, Databases, DevOps, Data Science Projects, Artificial Intelligence, Network Security, Offensive Security, Data Analysis, Linear Algebra and Differential Equations.