

## Education

### Binghamton University BS in Computer Science

May 2017, Binghamton, NY

Watson School of Engineering Dean's List

Offensive Security Certified Professional (OSCP), July 2018

## Experience

### Google Security Engineer

April 2019 –present, New York, NY

- Secure everything off-Google (Acquisitions, Alphabet companies, 3rd Party Clouds).
- Build security software that leverages Google's internal tech/security stack to secure off-Google entities and external Google assets.
- Perform security reviews for off-Google entities.
- Interview security engineering candidates.

### Vimeo Security Engineer

December 2017 - April 2019 | New York, NY

- Managed Vimeo's bug bounty programs. Engaged with researchers, triaged vulnerabilities, and worked with developers to remediate issues.
- Penetration tested Vimeo's web apps+infrastructure and Mevo IoT hardware camera.
- Remediated vulnerabilities found via bug bounty program and internal penetration testing. Wrote PHP/Node.js/Ruby.
- to fix security holes in web app or worked with appropriate dev team to triage and assign.
- Technical security training/awareness for developers and general security evangelicalism for all employees.

### MWR Infosecurity Security Consultant

May 2017 - December 2017 | New York, NY

- Penetration tested web apps, network infrastructure, iOS/Android apps, and hardware for various clients in the financial and software sector.
- Worked with clients and produced a technical report containing methodologies and found vulnerabilities for each engagement.
- 20% research time used on research into reverse engineering and penetration testing of open source software

### Ernst & Young Software Development / Forensic Technology Intern

June 2015 - August 2015 | New York, NY

- Developed named-entity recognition program to extract critical information from text.
- Wrote Python web scrapers to gather competitor data and assess EY's position in the market.
- Forensically processed and analyzed evidence hard drives.

## Projects

**Bug Bounties** 300,000 airline miles acquired from numerous vulnerabilities found in United Airlines web software.

**Freelance** Freelance security services for small clients. Black box penetration tests, code reviews, and bug remediation.

**Home Server** Sysadmin for a mini-ITX home Debian server that I built (media streaming, fileshare, web hosting).

**Hardware** Built+soldered a headphone amplifier and an MTA subway status display.