

## Vanessa Viglucci

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### TOOLS AND TECHNOLOGIES

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**Security Tools:** Kali Linux, Burp Suite, Nmap, Splunk, AWS Security

**Programming/Scripting:** Python, Bash, JavaScript, Node.js, HTML/CSS, C

**Technical Areas:** Web App Pen Testing, Automation Scripting, Vulnerability Assessment, Secure Development

### EDUCATION AND CERTIFICATIONS

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#### New York University

Bachelor of Arts in Computer Science, Minor in Studio Art – *Graduated May 2024*

- Security+
- SANS SEC542 (Web App Pen Testing) – *In Progress, expected September 2025.*

### WORK EXPERIENCE

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#### Cybersecurity Analyst – Ethical Hacking and Penetration Testing Team

**Bank of New York Mellon** | *August 2024 – Present*

- Conduct web application penetration tests using Kali, Burp Suite, manual testing and OWASP methodologies.
- Increase team efficiency with Python/Bash scripts to automate scanning and reporting.
- Collaborate with application teams on vulnerability remediation and security improvements.

#### Security Analyst Rotational Intern

**Pride One @ Bank of New York Mellon** | *June 2023 – September 2023*

- Participated in a rotational program across teams within the Information Security Division including Digital Asset Custody, Adversary Hunt, Cyber Analytics, Application Security, Vulnerability Management, and Ethical Hacking/Penetration Testing.
- Assisted on web app security testing and Splunk security log analysis.
- Gained hands-on exposure in creating security architecture for digital asset custody.

#### IT Help Desk Assistant

**NYU Stern IT** | *September 2022 – December 2023*

Provided technical support for software and hardware across student and faculty devices, building strong interpersonal communication and advanced troubleshooting skills.

### PROJECTS

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#### Portfolio Website – *Node.js, JavaScript, Particle.js, HTML/CSS, nginx*

Designed, built, and deployed a self-hosted portfolio website. The site is hosted on a secured cloud server with nginx and custom firewall rules. Conducted ethical hacking against the website to validate its security posture.

#### Everyday Toolkit – *Python, Bash*

Developed a suite of bash and python scripts to automate common reconnaissance and networking tasks, such as nmap scanning, DNS lookups and password strength testing.

#### Home Lab – *MacOS, Parallels, Kali Linux, Burp Suite, Windows*

Built a personal cybersecurity lab to practice ethical hacking techniques and web application testing.