

# Edmond Wu

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## PROFESSIONAL EXPERIENCE

### Security Consultant — NetSPI

*Minneapolis, Minnesota*

January 2025 — Present

- Lead offensive security engagements across web application, AI/ML system, and AWS cloud environments, applying OWASP Top 10 and OWASP Gen AI Top 10 methodologies
- Identified and reported critical-severity vulnerabilities under tight engagement timelines, prioritizing findings by exploitability and business impact
- Authored detailed engagement reports for both technical and executive stakeholders; partnered with development teams through remediation
- Combined manual exploitation techniques with industry tooling (Burp Suite, Nmap, custom scripts) to surface findings that pattern-based scanners routinely miss
- Conducted scoping discussions with client stakeholders to align engagement objectives, rules of engagement, and success criteria prior to testing

### Software Developer and IT Specialist

*Vanguard OffRoad, New York*

May'21 - Present

- **Data Integrity and Processing:** Developed a Python application using Pandas and Tkinter to verify the integrity of a critical Excel file managing over 300,000 products. This application ensures data reliability through comprehensive checks for data validity, formula consistency, and structural integrity.
- **E-commerce Website Maintenance:** Performed daily maintenance and updates on a high-traffic e-commerce website, enhancing performance and user experience for thousands of daily visitors. Managed IT support tickets, providing timely and effective solutions to technical issues reported by co-workers, thus ensuring seamless operations and minimizing downtime.
- **Data Automation:** Created a Python application using Pandas and Tkinter to automate the development of various Excel files, scaling data management from 6,000+ to 100,000+ products.

## PROJECTS

### Enumeration Script

May'24

- Developed and implemented comprehensive Bash scripts for web application reconnaissance that automate subdomain enumeration, directory scanning, service enumeration, and screenshot capturing, improving efficiency and accuracy in security assessments.

### Research Paper

December '22

- Conducted research on the topic of phishing detection and the impact of education on users' ability to recognize and respond to phishing attacks and analyzed existing literature and conducted empirical studies to explore the influence of education on individuals' phishing detection skills

## EDUCATION

### The Pennsylvania State University

June '23

- Bachelor of Arts Psychology
- **Minor:** Security Risk Analysis & Chinese
- **Awards and Honors:** NSA Letter of Recognition
- **Relevant Coursework:** Programming and Computation, Introduction to Application Development, Network and Telecommunications, Information Security Management, Cyber Forensic, Overview of Information Security

University Park, Pennsylvania

## CERTIFICATION

### Google Cybersecurity Certificate (Google)

September '23

### Practical Junior Web Penetration Tester (TCM-Security)

June '24

### OffSec Certified Professional (OSCP)

In Progress

## SKILLS

**Penetration Testing:** AWS cloud assessments, OWASP Top 10, OWASP Gen AI Top 10

**Languages & Scripting:** Python, Bash, JavaScript, HTML, CSS, SQL