

ERIC ESQUIVEL

CYBER SECURITY HONORS STUDENT

GitHub: github.com/EricEsquivel | LinkedIn: linkedin.com/in/ericesquivel1

EXPERIENCE

AnaVation LLC - Vulnerability Research Intern

May 2024 – August 2024

- Developed a Python script using Ghidra's API to disassemble portable executables and collect code complexity metrics; Utilized PyGraphviz to display execution and function call graphs
- Assisted vulnerability researchers in identifying execution flow and potentially high-risk code based on user input test cases

Security Researcher

February 2024 - Present

- Identified improper input sanitization in a Microsoft web application leading to Stored XSS and CSRF affecting millions of users through account takeover
- Documented and reported vulnerability to Microsoft's Bug Bounty Program which led to patching of the vulnerability and recognition on Microsoft's Online Services Acknowledgement page

CERTIFICATIONS

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|--|---------------|
| • HackTheBox Certified Bug Bounty Hunter (CBBH) | (in progress) |
| • Zero-Point Security Certified Red Team Operator (CRTO) | 2024 |
| • TCM-Security Practical Network Penetration Tester (PNPT) | 2024 |
| • CompTIA A+ | 2023 |
| • CompTIA Security+ | 2022 |

PROJECTS

Penetration Testing Homelab

- Setup homelab using PfSense firewall, layer 3 switch, remote access VPN using WireGuard, and Proxmox server hosting a vulnerable "Game of Active Directory" (GOAD) environment
- Used homelab to practice AD attacks, hardening techniques, pivoting, C2 frameworks, and Microsoft Defender AV evasion

HackTheBox Zephyr Professional Lab

- Conducted a network penetration test for the Zephyr Professional Lab on HackTheBox simulating a realistic corporate environment
- Enumerated and abused Active Directory misconfigurations and vulnerabilities in the network, as well as bypassing Windows Defender and network firewalls to compromise entire domains and pivot to other forests

EDUCATION

The University of Texas at San Antonio

Expected Graduation: May 2026

Bachelor's of Business Administration: Cyber Security

- Honors Student, GPA: 3.92
- Competition Coordinator Officer for the CompTIA Student Chapter student organization
- Led Security+ study groups and conducted technical presentations for students
- Collaborated with officers to organize events and host CTF competitions

EXTRACURRICULARS

Competed in: National Cyber League, Collegiate Cyber Defense Competition, CyberForce, HiveStorm, TracerFIRE, SimSpace competitions