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EDUCATION

Senior transfer from UNLV - Computer Science who has learned languages like C++, C#, Python, JavaScript, SQL, & Assembly. I'm also fluent in English, Spanish and am currently learning Japanese.
Western Governors University - Network Engineering & Security, Bachelor of Science

EXPERIENCE

Contract Work, Systems Administrator

May 2022 - Present

- Administer virtual machines & update services provided to 100+ users to strive for 99.999% uptime
- Create and revise internal documentation for networks, infrastructure & assets in order to minimize cost from wasted time & resources
- Manage projects through Jira & [Asana](#) to keep business operating on a weekly basis
- Clients: [Free Cyber Clinic](#), [Layer Zero](#) & Personal Homelab

[Free Cyber Clinic](#), Training Program Developer & Co-Founder

October 2021 - Present

- Non-profit that assess threat actor Tactics, Techniques & Procedures (TTPs) focused on the 100s of small businesses under the [SBDC](#) to help prevent [\\$100,000+ of damages](#) from hacks & breaches.
- Create virtual labs to be assessed with open-source & system tools to train for vulnerabilities or weaknesses found in small businesses.
- Layout & create additional training material for certifications like the Security+ in order to allow our 40+ students to work and lessen that [workforce gap of millions of people](#).

[NNSA MSIPP](#), Security Researcher

September 2022 - January 2023

- Create datasets with tools like Havoc - C2 Framework, Wireshark / TCPDump, VMware Workstation Pro & self-made tools/programs to recreate attacks from Advanced Persistent Threats(APTs).
- Implement machine learning on network data from IOT, SCADA, & ICS devices with Python to discover methods to detect Advanced Persistent Threats without the need of costly EDRs.

[UNLV STEM Camp](#), Cybersecurity Teacher

January 2022 - July 2022

- Teach classes of 30+ students about exploits with Kali Linux tools and custom tools from GitHub.
- Allow students to create a GitHub storing a script project that will perform actions related to their focus in cybersecurity: Networks / OSINT / Cryptography

[UNLV GenCyber Summer Camp](#), Co-Instructor

July 2021 - June 2022

- Create labs under the NSA/NSF GenCyber with tools such as Wireshark to analyze network traffic, ESP8266 microcontrollers to simulate SCADA devices, & Kali Linux tools to show vulnerabilities present with IOT devices (nmap), websites (BurpSuite) & wireless networks (aircrack-ng).
- Provide lab documentation through Github to students in order to maintain a smooth learning experience through my teaching and walk-throughs.

Professional Development

Certifications: [CompTia - Security+](#), Cisco - CCNA(Studying for)

Homelab: [Proxmox](#) | [Windows Server 2022](#) | [Ubuntu Server](#) with [Docker](#) | [Nessus](#) | [pfSense](#) | [Nextcloud](#)

Involvement: [BSides Las Vegas](#), [DEFCON 29, 30](#), [Pro Vs Joes CTF 2022](#) 1st Place - [Red Team CTF NCL CTF 2022 Teams\(71/1068 \)/ Individuals\(242/3487 \)](#), TryHackMe - [Top 2% of 1710800](#) players