Matthew Plascencia

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– https://github.com/tapatiohaxx

Education:

MS in Computer Science	Pomona, CA
California State Polytechnic University Pomona	Expected Dec 2021
BS in Computer Science	Pomona, CA
California State Polytechnic University Pomona	Awarded May 2021

Leadership Experience:

N3wEra Gaming CTF   January 2022 – April 2022

Cal Poly Forensics and Security Technology

- Directed a group of three students in creating a custom, video game streamer-themed web site using the WordPress software.
- Deployed a CTF game on two AWS EC2 instances running RHEL 8 to practice RHEL system administration.
- Deployed a Docker container to run CTF'd on one instance for its streamlined deployment.
- Ran a custom website created with HTML and CSS as well as one made with WordPress.
- Tested 15 students on Cybersecurity concepts like OSINT, webpage meta-analysis, and system administration using an external website.
- Secured the game website using NGINX for quickness and convenience of configuration.

Projects:

BroncoDirectMe Team   **September 2022 – Present**

- Created a template from which thorough documentation of Chrome extension code can be derived.
- Gathered information about BroncoDirect users who may use a chrome extension to enhance their experience through questionnaires and surveys.

FAST Infrastructure Research Group   **August 2022 – Present**
(California Polytechnic University: Pomona)

- Tested deployment of chained VPN on PFSense local virtual machine, dedicated VM and cloud Ubuntu instance.

Active Directory Home Lab   **July 2022 – Present**

- Utilized VirtualBox and VMWare to configure an Active Directory Home Lab with 1 Server running Windows Server 2022 and 2 Windows 10 clients.
- Configured DHCP, DNS and networking on the two Windows 10 machines and the server to simulate a typical enterprise network.
- Tested various contemporary viruses on the network to simulate an actual enterprise network being compromised.

Task Automation Lab-- https://github.com/tapatiohaxx/auto-scripts   July 2022 – Present

- Utilized BASH and PowerShell scripts to streamline various everyday tasks and gain experience with automation.
- Automated GitHub repository creation with cURL on Linux and PowerShellForGitHub on Windows to increase efficiency when creating a GitHub repository.

Skills and Interests

Skills: Linux | AWS | Microsoft Azure | Virtualization (VirtualBox/VMWare) | Java | C++ | BASH | Docker | MySQL

Interests: Cybersecurity, Cloud, Computer Hardware, Boxing, Open-Source Software