Marcos Luchetti

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EDUCATION

Old Dominion University   Norfolk, VA
Bachelor of Science in Cybersecurity [GPA: 3.9]   2023

Tidewater Community College   Virginia Beach, VA
Associate of Science in General Studies [GPA: 3.7]   2021

CERTIFICATION

CompTIA A+
220-1101, 220-1102 (View)   2024

EXPERIENCE

Cybersecurity Intern   2025
Zolon Tech, Inc.   Herndon, VA

- Set up home security lab for practice
- Implemented security measures to protect computer systems, networks and data
- Learned to anticipate security alerts, incidents and disasters and reduced their likelihood
- Assisted in the analysis of software systems for vulnerabilities and risks
- Monitored system logs and identified potential issues with computer systems
- Participated in the development of security standards and best practices for the organization
- Prepared reports that document security breaches and the extent of the damage caused by the breaches
- Stayed current on IT security trends and news
- Performed routine audits to ensure security measures are functioning correctly
- Assisted in the implementation of security solutions
- Prepared knowledge base articles for new security tools

Homelab   2023 – Present
Self

- Created a Debian-based server environment for learning and experimentation
- Implemented Tailscale VPN to enable secure remote access to the server
- Used Docker to set up and configure containerized applications
- Wrote Docker compose YAML configurations, managed containers through Portainer
- Set up Pi-hole to filter out unwanted DNS traffic across the whole network
- Created basic automation scripts in Bash
- Set up personal cloud sync file server using open-source Syncthing
- Built website from scratch in Nginx container with basic HTML/CSS design
- Created DNS records for the website using DuckDNS
- Used Certbot to generate a Let's Encrypt SSL certificate for the web server
- Set up a containerized Jellyfin media streaming server
- Learned the basic fundamentals of programming in Python, practiced syntax, conditionals, loops, functions, lists, dictionaries, modules, error checking in various coding exercises

Freelance Graphics and Media Consultant   2022 – Present
Hybrigold8   Remote

- Support leadership through tasks related to digital communication and presentations (Onsite: 2022, 2023 and 2024/25, Remote: 2022 - Present)
- Updated existing resources and identified areas for improvement
- Assist company core business development activities and targeted startup initiatives through the development of new digital graphics materials and company presentations, working directly with leadership
- Ensure digital products and other additional resources are delivered timely and with highest quality standards

Educational Lab Experience

Cybersecurity Assessment
Old Dominion University

2022
Hybrid

- Delivered an executive briefing and board presentation for a company's cybersecurity strategy
- Conducted a comprehensive risk management analysis, utilizing qualitative and quantitative risk analysis methods
- Developed a risk matrix and recommended mitigation strategies based on NIST and industry standards

Cybersecurity Labs
Old Dominion University

2022
Remote

- Analyzed malicious network traffic using Wireshark for threat detection
- Performed network attacks using Metasploit and explored various attack vectors
- Utilized password-cracking tools such as John the Ripper, Cain and Abel, and aircrack-ng
- Ran vulnerability scans on subnets with Nessus, used Nmap for network reconnaissance

Strome College of Business Network Infrastructure Design
Old Dominion University

2021
Hybrid

- Collaborated in designing a secure network infrastructure mock-up for a college campus environment
- Specified configurations for domain controllers, file servers, routers, and switches
- Developed firewall policies and incident response strategies, including disaster recovery plans

Network Case Analysis
Old Dominion University

2021
Remote

- Designed a wired and wireless network architecture for a high school building environment
- Designed a floor plan and network topology diagram
- Specified hardware, cabling, and network configuration requirements

Skills

Operating Systems: Windows, Linux, macOS
Programming Languages: Bash, Python
Tools: Cisco Duo, Nessus, Nmap, pfSense, Wireshark, VirusTotal, Any.Run, Whois, Webroot BrightCloud, Authentic8 Silo, VirtualBox, VMware, Hyper-V Manager, Docker, VPN
Cybersecurity: NIST CSF, HIPAA, PCI DSS, Vulnerability Management, Triaging, MITRE ATT&CK Framework
SIEM: CrowdStrike Falcon, IBM QRadar
Languages: English (native), Spanish (fluent)