AUSTIN MOLINARO
CYBER SECURITY ANALYST

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PROFESSIONAL SUMMARY

Dynamic Cyber Security Analyst with a proven track record in enhancing ICS cybersecurity by implementing NIST and ISO standards, leading to a 30% reduction in system vulnerabilities. Conducted 50+ security assessments, resulting in a 25% improvement in incident response times. Skilled in utilizing SIEM tools and vulnerability management to fortify industrial control systems' integrity and security. Proficient in programming languages including SQL, Python, and PowerShell, with expertise in operating systems, networking, virtualization, application security, and incident response frameworks. Strong communicator and team player with a commitment to continuous improvement and staying abreast of industry best practices.

TECHNICAL SKILLS

Programming Languages: SQL | Python | PowerShell
Operating Systems: Windows | Linux | Unix
Networking: TCP/IP | Network Topologies | Switching | Routing | Firewall Configuration and Management
Virtualization: VMware | VirtualBox | Hyper-V
Application Security: SDLC | CI/CD
Vulnerability Assessment: Scanning with Nmap | Wireshark | Zenmap | Nessus | OpenVAS | OWASP ZAP | Burp Suite
Security Audit Frameworks: NIST | ISO | CIS Benchmarks | COBIT | PCI-DSS
Identity/Access Management: Multi-Factor Authorization with AWS | Access Control Lists | User Permissions
Incident Response: IDS/IPS | Log Analysis | Cyber Kill Chain | MITRE ATT&CK | Risk Mitigation
Other: Microsoft Office 365 | Active Directory | Azure | AWS | Docker | Data Encryption | Key Management | Malware

EDUCATION & CERTIFICATIONS

Cyber Security Bootcamp, Springboard
Master of Arts in Education, Austin College
Security+ Certification, CompTIA   April 2024 to April 2027
Security, Compliance, and Identity Fundamentals (SC-900), Microsoft   April 2024 to April 2027
Certified in Cybersecurity (CC), ISC2   March 2024

PROJECTS

Azure Active Directory
Utilized a variety of online content to create an active directory in Microsoft Azure using Oracle VirtualBox
- Created and managed Azure Active Directory using Oracle VirtualBox, incorporating best practices for scalability and security.
- Automated user account provisioning and maintenance with PowerShell scripts, improving operational efficiency and reducing manual tasks.
- Configured network services like Remote Access Server (RAS), DNS, DHCP, and File Servers to ensure reliable and secure infrastructure operations.

Azure Sentinel (SIEM) - Attack Mapping
Configured Azure Sentinel for live monitoring of RDP brute force attacks, including geolocation tracking and custom log creation integrated with Log Analytics in Azure Sentinel.
- Used custom PowerShell script to extract metadata from Windows Event Viewer to be forwarded to a third-party API to derive geolocation data.
- Configured Log Analytics Workspace in Azure to ingest custom logs containing geographic information.
- Configured Custom Field in Log Analytics Workspace with the intent of mapping geo data in Azure Sentinel.

Self-Built Custom PC Assembly
Designed and constructed a custom PC, showcasing expertise in hardware selection, integration, and troubleshooting.
- Selected and integrated hardware components such as CPU, GPU, RAM, motherboard, storage, and power supply to build a high-performance custom PC system.
- Demonstrated proficiency in troubleshooting hardware issues during assembly and setup, ensuring optimal functionality and performance.
- Applied knowledge of compatibility requirements and performance benchmarks to customize the PC configuration based on specific use cases and

Simulated SQL Injection
Executed an advanced cybersecurity exercise involving SQL injection and a command line injection in a home lab.
- Demonstrated proficiency in utilizing OWASP ZAP Attack Proxy and WebGoat for vulnerability assessment and exploitation, particularly in SQL injection scenarios.

- Intercepted and manipulated web requests to identify and exploit security weaknesses and bypassed authentication mechanisms.

PROFESSIONAL EXPERIENCE

CYBER SECURITY TRAINEE   February 2024 to Present
Springboard   Remote
Mastered the fundamental skills of network security, penetration testing, and incident response through hands-on practicum.
- Conducted a penetration test that included: reconnaissance using open-source intelligence; vulnerability scanning with Nmap, Masscan, Unicornscan, and SNMP tools; exploitation reporting with OpenVAS, Nessus, Burp Suite, Wapiti, and Nikto; Mimicking of a real attack and creating a robust threat assessment; and providing an in-depth analysis to summarize the implementation and remediation techniques highlighted throughout the test.
- Completed over 50+ real-time labs and project-based learning assignments showcasing technical skills such as Wireshark, command-line fluency, network configuration, social engineering using SET, deploying Honeypots, log analysis using Splunk, RDP, configuring anti-virus, launching DoS attacks, encryption techniques, hash algorithms.
- Expanded expertise in installing, updating, and configuring operating systems including Windows, Linux, and Unix, contributing to a robust understanding of diverse IT environments.

HEAD BASEBALL COACH | SPECIAL EDUCATION TEACHER   June 2021 to April 2024
Victoria West High School   Victoria, Texas
Championed a culture of change and excellence through strong leadership, meticulous analysis, and continuous improvement initiatives.
- Implemented technology solutions such as VPN usage for secure data transmission, leading to a 56% improvement in data confidentiality and protection.
- Utilized data analysis techniques to identify areas for technology improvement, resulting in a 76% reduction in technical issues reported by athletic staff and students.
- Developed and delivered personalized technology training sessions to 25 staff members, increasing overall IT literacy, and reducing support tickets by 33% through enhanced user knowledge.

HEAD BASEBALL COACH | PASSING GAME COORDINATOR | BEHAVIORAL SPECIALIST   June 2017 to May 2021
Bay City High School   Bay City, Texas
Streamlined the behavior support program and recultivated a community of winners.
- Implemented mobile and cloud applications to support behavior interventions and reduce escalation and remediation times by 67%.
- Increased team's winning percentage by 44% and was recognized as the 4A Region IV District 25 Baseball Coach of the Year in 2021.

GENERAL MANAGER   June 2016 – June 2017
Extended Stay America   Austin, Texas
- Optimized staff training to achieve a 25% increase in guest satisfaction scores, while spearheading strategic initiatives for revenue growth and service excellence.
- Implemented IT training sessions to ensure PCI-DSS compliance and customer data collection security.

FACILITY MANAGER | HEAD BASEBALL COACH   March 2016 – September 2016
Wilkinson Sports and Life Performance Academy   Leander, Texas
- Created the Baseball Program Performance and Development Business Plan, outlining goals and strategies that contributed to a 20% increase in facility revenue and performance metrics.

MARKETING CONSULTANT   October 2015 – March 2016
Main Street Hub   Austin, Texas
- Conducted an average of 10 virtual meetings per week, utilizing Google Slides and Zoom, to showcase technological advancements to potential clients.

TEACHER | ASSISTANT COACH   January 2014 – October 2015
Cedar Park Middle School   Cedar Park, Texas
- Developed a performance database in Microsoft Excel that provided individual and team metrics for off-season analysis leading to a 38% increase in student performance.