

Michael Grant Miller, B.S.

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EXECUTIVE SUMMARY

Driven cybersecurity professional with a Bachelor of Science in Cybersecurity and practical experience in network security administration, policy formulation, and vulnerability assessment. Demonstrated expertise in implementing NIST frameworks and conducting white-box penetration testing. Currently working towards obtaining CompTIA Security+ and CompTIA Network+ certifications. Committed to leveraging academic background and hands-on experience to enhance an organization's cybersecurity posture, while continually growing and adapting in the fast-evolving cybersecurity landscape.

KEY SKILLS

- **Cybersecurity Framework Implementation**
 - **Network Security Administration**
 - **Security Policy Development**
 - **Intrusion Detection and Prevention**
 - **Vulnerability Assessment**
 - **Penetration Testing**
 - **Security Log Auditing**
 - **Security Awareness Training**
 - **Incident Response Management**
 - **Risk Assessment and Mitigation**
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WORK EXPERIENCE

Unified Defense, Macon GA

04/2023 - Present

Cybersecurity Compliance Analyst

- Assertively spearheaded efforts to achieve CMMC Level 2 compliance, strategically implementing robust cybersecurity systems and devising comprehensive security plans, thereby fortifying the company's defense against cyber threats.
- Independently formulate and enforce advanced security policies across the organization, effectively disseminating critical information and maintaining open lines of communication with all personnel, fostering a culture of cybersecurity awareness and responsibility.
- Vigilantly monitor and manage the performance of essential security infrastructure including firewalls, SIEM, and IDS/IPS, while simultaneously performing the duties of Network Administrator, thus ensuring network integrity and resilience to cyberattacks.
- Proactively conduct regular penetration testing and vulnerability assessments, employing advanced cybersecurity tools and techniques to identify and remediate potential threats, thereby maintaining the highest level of network security and data protection.

Unified Defense, Macon GA

01/2021 - Present

Network and Security Administrator

- Creatively implement self-formulated security policies and Group Policy Objects (GPOs), establishing robust network and device security across multiple networks and locations, demonstrating adeptness in policy creation and enforcement.
- Diligently manage and audit security logs of servers and individual workstations, providing a secure operating environment and highlighting a proactive approach to threat detection and mitigation.
- Rigorously perform white-box penetration testing across multiple systems and locations, identifying potential threat vectors and refining security procedures and policies, thereby enhancing the organization's cyber defense mechanisms.
- Effectively implement the NIST cybersecurity framework across multiple locations, fostering an organizational understanding of security's importance and contributing to significant risk reduction.

in the business environment. Simultaneously manage the operations and configuration of network infrastructure, including routers, switches, and Wireless Access Points (WAPs), underscoring a comprehensive understanding of network security administration.

Navius Technologies, Atlanta GA

05/2021 - 08/2022

Cybersecurity Internship

- Diligently gained Tier 1 Security Operations Center (SOC) experience utilizing various cybersecurity tools, such as Managed Detection and Response (MDR), Endpoint Detection and Response (EDR), Security Information and Event Management (SIEM), Intrusion Prevention Systems/Intrusion Detection Systems (IPS/IDS), penetration testing, antivirus software, security awareness training, email security, and ticket management via ServiceNow.
- Effectively coordinated computer system plan implementation with internal personnel and external vendors, showcasing strong communication and project management skills.
- Proactively reviewed and addressed violations of computer security procedures, implementing corrective measures, and fostering dialogues with violators to prevent repeat offenses.
- Strategically trained users and promoted security awareness, leading to enhanced system security and improved server and network efficiency, demonstrating a commitment to continuous improvement regarding security.

Fountain Car Wash, Macon GA

07/2016 - 07/2021

Manager

- Skillfully led a dynamic team in a high-functioning work environment, optimizing daily operations by leveraging individual strengths and abilities, enhancing overall team productivity and performance.
- Efficiently managed the receipt of product deliveries, ensuring timely and accurate placement of materials in designated workplace locations, thereby streamlining inventory management processes.
- Strategically conducted regular employee evaluations, documenting progress on a weekly basis, which facilitated continuous performance improvement and professional growth.
- Articulately responded to customer inquiries, making tailored product recommendations according to specific needs and requirements, thereby driving customer satisfaction and repeat business.

EDUCATION

Bachelor of Science in Cybersecurity (B.S.) 3.7 GPA - Cum Laude. University of North Georgia, Dahlonega GA (2022)

- Relevant coursework: Computer Security, Computer Forensics, Reverse Engineering, Network Security, Database Security, Script Programming, Web Programming, Linux Operating Systems

CERTIFICATIONS

CompTIA Security+ and CompTIA Network +. (In Progress)
Basic Excel Certification. CGTC (2021)

COMPUTER SKILLS

Programming Languages: Java, Python, PowerShell, Bash, PHP

Markup Languages: HTML, CSS, JS

Operating Systems: Linux (Unix), Windows, OSX (MacOS)

Malware Analysis: Ghidra, OllyDbg, IDA, Cutter, EDB

Database Knowledge: MongoDB, SQLite, MySQL

Tools: Kali Linux, Wireshark, Metasploit, PFSense, BurpSuite, ZAP, Nmap, Tor, Snort, LANsweeper, Splunk

SEIM tools: Splunk, Perch, FortiSIEM

Security and Concepts: TCP/ IP, Active Directory, Log Analysis, NIST

ACHIEVEMENTS AND AFFILIATIONS

Member, National Society of Collegiate Scholars (08/2020)

Member, National Society of Leadership and Success (08/2020)

Hope Scholarship Recipient, State of Georgia (05/2019)

GEICO Scholarship Recipient, GEICO (05/2020)

NSA Codebreaker 3rd Place National (Class), UNG (2021-2022)

REFERENCES AVAILABLE UPON REQUEST
