Paul Brown

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Qualifications Summary

Highly motivated and detail-oriented cybersecurity professional with a recent Master of Science degree in Cybersecurity. Seeking a challenging position in Cloud Infrastructure as Code, leveraging strong expertise in overseeing vulnerability management and implementing cybersecurity best practices to enhance overall company security posture. Skilled in planning and deploying cloud security administration policies to ensure smooth functioning, security, and optimization of cloud infrastructure. A quick learner with a passion for expanding personal skills and knowledge.

Cybersecurity Planning

- Expertise in implementing effective cybersecurity best practices to safeguard organizational assets.

Problem Resolution

- Excellent problem-solving skills with capacity to utilize security tools, analyze root causes, and minimize issues.

Risk Analysis

- Adept at conducting risk assessments to uncover non-conformances and eliminate vulnerabilities.

Cloud Technologies

- Broad knowledge of latest cloud infrastructure practices and tools with aptitude to enhance cloud security.

Technical Proficiencies

Programming Languages:	Go, YAML, Python, Bash, Java, C++, HTML, CSS, JavaScript
Operating Systems:	Windows, Mac, Linux, Android OS, iOS
Security:	Vulnerability Scanning, Ethical Hacking / Penetration Testing, Cybersecurity Research, Cyber Threat Intelligence, Antivirus Software, Security Event Management, Application Firewall Solutions, Zero Trust Principles

Education & Certifications

Master of Science in Cybersecurity (GPA 3.6), 2023

Old Dominion University, Norfolk, VA

Coursework: *Cybersecurity Principles, Advanced Cyber Operations, Mobile & Wireless Security, Advanced Digital Forensics, AI Security & Privacy, Human Factors & Policy in Cybersecurity, Leadership Management in Cybersecurity, Advanced Ethical Hacking & Penetration Testing*

Bachelor of Science in Cybersecurity (GPA: 3.7), 2021

Old Dominion University, Norfolk, VA

Coursework: *Ethical Hacking & Penetration Testing, Cyber Strategy & Policy, Digital Forensics, Business Data Networks and Security, Topics in Cybersecurity, Implementing Internet Applications, Object-Oriented Programming, Cyber Law*
Selected to Participate in The National Society of Leadership & Success

Career Highlights

Old Dominion University – Norfolk, VA   **2021 – 2023**
Cybersecurity Student (Master of Science)

Gained insights into vehicular ad-hoc networks via execution of research and analysis. Utilized Kali Linux to perform intermediate-level lab operations. Expanded personal skills cybersecurity principles, assessing and implementing robust security measures to protect digital assets and information. Enhanced proficiency in analyzing impact of human behavior and organizational policies on cybersecurity as well as developing effective strategies to enhance security culture.

- Drove end-to-end Zero Trust implementation by conducting in-depth research on defined approaches.
- Spearheaded and delivered various projects using Kubernetes and innovative software security solutions.
- Developed intermediate skills in leveraging several programming languages, such as Go, YAML, Python, Bash, Java, C++, HTML, CSS, and JavaScript.

Department of Homeland Security – Arlington, VA   **2022**
Cross-Functional Planning & Coordination Intern – Cybersecurity and Infrastructure Security Agency

Evaluated and optimized value of vulnerability management products via collaboration with multiple stakeholders, while maintaining all communication channels. Provided suggestions for product improvements to other teams by rendering support in recording product feedback. Enabled seamless alignment of current mission directives into steady state efforts.

- Ensured robust training of new employees in business processes by assessing and executing improvement opportunities as well as preparing and presenting training materials.

Virginia Railway Express – Alexandria, VA   **2019 – 2022**
Information Technology Intern

Contributed to facilitating high levels of technical procedures by executing regular performance tuning, upgrades, and resource optimization. Drove on-time installation and configuration of CPU, memory, and disk partitions. Integrated latest updates within all systems via implementation of up-to-date OS patches and software applications. Employed database records and real-time information collection to identify and troubleshoot complex technical issues. Addressed and prevented failures through introduction of cutting-edge diagnostic techniques and execution of relevant action plans.

- Achieved successful completion of services and incidents with system administrators and developers.
- Uncovered and eliminated potential inefficiencies by scheduling periodic maintenance sessions, while documenting all repairs and fixes for future reference.
- Utilized proven response strategies to analyze complex security incidents and resolve issues in a timely manner.