**Kenneth L. Barnes, II**

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**PROFESSIONAL SUMMARY**

Capable of developing computer systems specifications the address business requirements and that fit with company’s system architecture standards. Capable of installing and configuring applications. Capable of being responsible for system integrity, backup, and response. Proven leader in team development with 100+ team members. Driven graduate with expertise in remote work. One course project was creating a security/risk assessment of a high school. Providing a relevant security awareness program was the first step. Continued training and education would be provided to supply students, staff, and employees to deal with the latest cyber threats and modern prevention methods. The Ripen Project was an assignment dealing with different industries and international data policy laws. This is more towards the overall hyper-connected ecosystem and how data moves towards a different ecosystem especially in different regions.

**PROFESSIONAL SKILLS**

* Vulnerability Management
* Great Interpersonal Skills
* Proficient in Microsoft 365
* Strong Oral and Written Communication
* Strong Leadership Skills
* General working knowledge with Tenable and Nessus Scanner

**EDUCATION**

**Master of Science in Cybersecurity,** Regent University, Virginia Beach, VA August 2021

* **Concentration:** Management
* **GPA:** 3.96
* **Relevant Coursework:** Cybersecurity Ethics, Information Systems Security & Assurance and Internet & Network Security

**CERTIFICATIONS**

* CompTIA Security+ CE
* Qualys Guard Certified Specialist
* First Aid/CPR and AED Certification

**RELEVANT EXPERIENCE**

**PortsTech Solutions, Chesapeake, VA (Part-Time)** August 2022 - Present

**Cybersecurity Analyst**

* Performed research and analysis of scheduled and on demand vulnerability assessments and post results.
* Researched exploit techniques and mitigation strategies.
* Performed analysis of asset and vulnerability information to identify risks that were not discovered via automated scanning
* Troubleshoot issues that may occur during automated network scanning, and or agent scans.
* Reviewed public and private vulnerability notifications/disclosures, consume research findings, and prioritize remediation efforts.
* Developed vulnerability reports and scorecards that define the current state of the corporate network security risk posture.
* Assisted with implementing policy compliance tools to monitor compliance against CIS and other industry related benchmarks.
* Implemented Web Application Scanning solution to provide vulnerability reports to application team and be a subject matter expert on remediation.
* Assisted with implementation of IoT and OT security solution to discover and secure unmanaged assets.
* Developed rules to identify non-compliant resources in our cloud environments and create automations to remediate the non-compliant resources.

**CySecSol,** Franklin, VADecember 2021-Present

**Cybersecurity Analyst**

* Meet weekly via Zoom to discuss Cyber News to stay informed of new threat and new applications to detect the threats
* Learn about Risk Management Framework (RMF) to provide a process that integrates security, privacy, and cyber supply chain risk management activities into the system development life cycle
* Review System Security Plans (SSPs) to ensure systems are outlined how an organization implements its security requirements
* Create Plan of Action & Milestones (POA&Ms) to identify tasks needing to be accomplished and details resources required to accomplish the elements of the plan.
* Learn how to utilize McAfee Security Suite Intrusion Prevention System (IPS), Intrusion Detection System (IDS), and Network Security Management (NSM) to be thoroughly familiar with the program
* Review Security Technical Implementation Guides (STIGS) to ensure securing protocols within networks, servers, computers, and logical designs are in place to keep order in the system on a daily basis

**WORK EXPERIENCE**

**Health and Physical Education Teacher** August 2017-Present

Southampton County Public Schools, Courtland, VA

* Teaches Health and Physical Education to 100 + student a day
* Responsible for contributing to the educational system as a unit to assist 5000 + students to develop skills to acquire knowledge to realize their potential
* Assess and evaluate students on a regular basis, record grades, and regularly inform parents of student progress to make sure they are meeting to SOL requirements