**OBJECTIVE:**

Diligent Cyber Security Specialist with over 10 years’ experience proficient in security research planning execution and maintenance. Adept at training and educating internal users on relevant cyber security procedures and preventative measures. Specialize in network monitoring security software installation and working to prevent cyber-attacks especially in business and corporate settings.

**PROFESSIONAL SUMMARY**

* Experience infrastructure/network security by designing, installing, configuring and administering network infrastructure and security systems
* Understanding of department, segment and organizational strategy and operating objectives, including their
* Understanding of DHCP and DNS interaction with servers and client systems.
* Experience with Cisco router and switch configuration and CLI commands (IOS & Nexus)
* Experience using a central ticketing system such as Servicenow
* Experience using the Microsoft Office Suite
* Experience using Microsoft Visio for drawings
* Experience following a change management system to submit and perform changes
* Experience supporting and configuring ForeScout CounterAct platforms (SME Level)
* Experience as a technical team lead to mentor others with lower level skills

**CORE QUALIFICATIONS**

* Perform a variety of routine project tasks applied to specialized information assurance problems
* Execute integration of electronic processes or methodologies to resolve total system problems, or technology problems.
* Provides security engineering support for planning, design, development, testing, demonstration, integration of information systems
* Analyze threat information gathered from logs, Intrusion Detection Systems (IDS), intelligence reports, vendor sites, and a variety of other sources
* Strong knowledge of Security Applications or Tools: Splunk Essential Security Nessus, Imperva WAF, Pala Alto, Wireshark, McAfee Intrusion Prevention System, Symantec, Nessus, RSA Netwitness, FireEye, Thread Grid, Sourcefire (Snort), McAfee Endpoint, Symantec DLP.
* Expertise with security and database information management tools
* Highly capable of working with various types of networks
* Highly capable of analytical reasoning and applying logic to situations
* Able to manage and work with different types of network firewalls
* Skilled with various programming languages
* Understanding of data integration, network design, and database concepts
* Extensive knowledge of security vulnerabilities, solutions, and risks in IT
* Highly organized and top attention to detail
* An ability to work together with a large team

**EDUCATION**

Bachelor of Leadership in Information Management, University of Mary Washington, Fredericksburg

Associate in Information Technology, St. Joseph College of Education, Bechem, Ghana

**CERTIFICATION**

CompTIA Security+

Scrum Master

Certified Information Security Manager (CISM)

**PROFESSIONAL EXPERIENCE**

**ForeScout Administrator**

***Virginia Department of Transportation October 2017 - Present***

* Update the ForeScout platforms with new subnets for discovery
* Update diagrams for network architecture using Microsoft Visio
* Troubleshoot various types of issues with the ForeScout platforms (discovery, network reachability, SNMP access to network devices, interfacing with various network devices to collect ARP and MAC information)
* Review Cisco router and switch configuration using CLI commands to identify why ForeScout is not properly communicating
* Submit and respond to tickets using a central ticketing system such as Remedy
* Provide reports as needed using the Microsoft Office Suite
* Submit and perform changes in the agency system
* Provide outage notifications and update outage reports
* Review IP addresses using the agency IPAM system to identify networks that need to be monitored by ForeScout
* Perform network traces to analyze traffic issues
* Provides specific, detailed information for hardware and software selection, implementation techniques, and tools for the most efficient solution to meet business needs, including present and future capacity requirements.
* May propose solutions to management to ensure all communications requirements based on future needs and current usage, configuring such solutions to optimize cost savings.
* Prepares or ensures that appropriate network documentation exists, including operational instructions.
* Provides regular monitoring and network analysis regarding short- and long-range planning for in-house systems.
* May coordinate third-party maintenance for ForeScout equipment.
* Other duties may include, packet capture and analysis, change management, and support of inventory management processes.
* Contributes to completion of specific programs and projects.
* Has frequent inter-organizational and outside customer contacts.

***Information System Engineer -Forescout/SIEM***

***Fairfax County Public Schools, (FCPS) Fairfax, VA May 2014 – September 2017***

* Have experience engineering, administering, and/or implementing ForeScout appliances.
* Design, develop, and maintain ForeScout integrations with other cybersecurity tools such as IBM QRadar, FireEye, Palo Alto etc…
* Develop implementation capacity and network designs
* Coordinate pre-installation calls and provide written post deployment summaries
* Contribute to the development of best practices and training material
* Collaborate with customer support, project management and product management regarding deployment techniques, feature requests, product issues and sentiment
* Work inside federal and commercial network environments with a solid understanding of the customer operational environments
* Execute integration of electronic processes or methodologies to resolve total system problems, or technology problems as they relate to IA requirements
* Conduct security assessments and security consulting services
* Analyze information security requirements
* Apply analytical and systematic approaches in the resolution of problems of work flow, organization, and planning
* Provides security engineering support for planning, design, development, testing, demonstration, integration of information systems
* Analyze threat information gathered from logs, Intrusion Detection Systems (IDS), intelligence reports, vendor sites, and a variety of other sources

***Junior security/Network engineer***

***NOVA Alexandria, VA 2012 - 2013***

* A junior Engineer works under the direct command and management of an Engineer.
* Manage data across multiple layers of the technical solution.
* Dive deep into documentation to understand the various system elements.
* Develop ideas on how to improve system operations.
* Provide technical knowledge and analysis of highly specialized applications and operational environments.
* Support high-level functional system design, integration, and implementation, and give advice on exceptionally complex problems that need cybersecurity knowledge.
* Participate, as needed, in all phases of software development with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases.
* Apply principles, methods, and knowledge of cybersecurity to approach difficult and narrowly defined technical problems to arrive at automated solutions.