

EDUCATION

Winston Salem State University B.S., **Computer Science 3.0**,
Information Security Focused , Minor in **Mathematics**

Winston-Salem, NC
May 2017 – Dec 2021

SKILLS

Programming/Scripting Languages: Java,
Python, Bash, HTML, JavaScript,

Frameworks/Tools: Linux, Splunk , Azure , Jira Docker,
BurpSuite,GIT

Additional skills: Compliance Management(NIST)
Identity and Access Management (IAM)
Threat & Vulnerability Management
Security Information and Event Management (SIEM)
Cloud Security

Summary

A dynamic learner with a passion for safeguarding systems through strategic and technical expertise in cybersecurity practices. Proficient in leveraging cloud technologies and automation tools to enhance security postures and resolve technical issues in data protection technologies. Demonstrated ability to collaborate effectively with various IT teams, ensuring the continuous innovation and implementation of robust security capabilities. Committed to contributing a hands-on and strategic approach to fortify and elevate cybersecurity defenses in any organizational setting.

WORK EXPERIENCE

Security Engineer(TIAA)

JAN 2022 - Present

ApplicationSecurity(Vulnerability Management), DLP, SecOps, IAM OPS

- Engineered and implemented an automation task using the Paramiko add-on in Splunk to automatically communicate blocked Palo Alto IP addresses from the security team to the networking team, enhancing security measures and streamlining communication between departments.
 - 600 Users bulk add to Highly privileged accounts using PowerShell scripting
 - Created Splunk report to notify the team of Service accounts that were still in active/inactive every 30 days
 - Managing clients requests on standard(UNIX) and privileged hosts(PAM) from service now requests tickets.
 - Processing RBAC users for each group they are assigned to and from Active Directory or CyberArk.
 - Developed Python Script to automate UNIX TERMINATIONS.
 - Created Splunk dashboards to visualize and analyze security applications logs/data effectively.
 - Merged existing dashboards to consolidate information and provide a comprehensive view of the security landscape.
 - Configured Splunk alerts, reports, and saved searches to proactively monitor and detect security incidents.
- Developed a Python script within a Docker environment to rectify data inconsistencies across three different APIs on separate Splunk search heads, ensuring data alignment and enhancing the efficiency and accuracy of subsequent use cases.
- Leveraged Git for managing and deploying Splunk use cases, utilizing commands like git add, git push, and git commit to ensure smooth and systematic updates and deployments in the SOC environment.
 - Developed a Python script that extracts data from the SDW using SQL for automation purposes, integrating it with Splunk that retrieves the data for the Splunk report.
 - Analyzed both internal and external users, Detecting Confidential and Highly Confidential Data leaving network.
 - Created automation scripts using Python to streamline and enhance DLP processes using ETL processes.
 - Worked with the Symantec REST API using Python to interact with DLP functionalities to develop new features and enhancements in DLP SOC.
 - Managed metrics for top vulnerabilities, categorizing them as Medium, High, or Very High from SAST and DAST scans. Also tracked the number of applications without scans, both for internet-facing and internal applications.
 - Utilized Python to interact with the Veracode REST API for in-scope applications. Extracted relevant data from the Rest API responses in JSON format and processed it for validation purposes and automation. Automated controls by leveraging Python scripting

Summer 2021

Lenovo Global Security – Cloud Security (Intern)

- Created a dashboard in Jira to track and manage Vulnerability Findings.
- Conducted Vulnerability Analysis to identify potential security weaknesses in various applications.
- Developed JAVA SPRING WEB APP(HTTP/HTTPS/OSI-Model)
- Acquired training in penetration testing tools such as Burp Suite and cloud security tools such as AZURE

Summer 2020

Science Gateways Community Institute – Software Engineer (Intern)

- Effectively translated design concepts into functional and user-friendly web interfaces using Python as the Backend.
- Applied Agile Development methodologies to iteratively plan, develop, and refine software projects, fostering adaptability and quick response to evolving project requirements.
- Utilized MySQL to design, manage, and optimize databases, ensuring data integrity and efficient data retrieval processes.
- Attained certifications in High-Performance Computing using Python and demonstrated adherence to Responsible Conduct of Research protocols through completion of certifications at a competitive coding institute.

Projects

GITHUB: <https://github.com/Zyquier>

WEBAPP: <https://zyquier-resume-digital.streamlit.app/>

Certifications

