

# Zyquier Brownridge

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## EDUCATION

**Winston Salem State University** B.S.,  
Computer Science, **GPA: 3.0**

Winston-Salem, NC  
May 2017 – Dec 2021

## SKILLS

**Programming/Scripting Languages:**  
(*Proficient*) Java, Python, Bash,  
(*Familiar*) HTML, JavaScript,

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

## WORK EXPERIENCE

### Security Engineer(TIAA)

**JAN 2022 - Present**

- Managing users on standard(UNIX) and privileged hosts(PAM).
- 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 that extracts data from SDW (presumably a database) using SQL for automation purposes, integrating it with Splunk. Utilized Python in conjunction with Splunk for automation tasks. 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.
- Worked with the Symantec REST API using Python to interact with DLP functionalities to solve code bug.
- Managed metrics for top vulnerabilities, categorizing them as Medium, High, or Very High. 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 API responses in JSON format and processed it for validation purposes and automation. Automated controls by leveraging Python scripting

### Lenovo Global Security – Cloud Security (Intern)

**Summer 2021**

- 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.

**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/>