**EMMANUEL ONYEKACHI UCHENNA** Lagos, Nigeria

**Security Analyst** [emmanueluchenna.onyeka@gmail.com](mailto:emmanueluchenna.onyeka@gmail.com)

[LinkedIn](https://www.linkedin.com/in/emmanuel-uchenna-2a91311b2/) | [GitHub](https://github.com/EmmaUche001/EmmaUche001)

(+234) 702 565 2635

**PROFILE SUMMARY**

Security analyst with a solid academic foundation in computer science and hands-on experience in cybersecurity practices. Currently pursuing the Google Cybersecurity Certification, I possess technical proficiency in SIEM tools like Splunk and Chronicles, vulnerability assessment, and incident response. Passionate about safeguarding digital assets and ensuring robust network security, I am committed to continuous learning and ethical problem-solving. Eager to contribute to dynamic teams by leveraging my skills in threat detection, system hardening, and regulatory compliance to enhance organizational security posture.

**SKILLS**

| **Programming** | Python, SQL, Java |
| --- | --- |
| **Linux Line-Command** | Bash |
| **SIEM Tools** | Splunk, Chronicles |
| **Packet Sniffer** | Wireshark, Tcpdump |
| **Operating System** | Linux |
| **Networking** | Firewall configuration and management |
| **Data Encryption** | OpenSSL |
| **Regulatory Frameworks** | NIST CSF |
| **Web Application Security** | OSWAP Top 10 |
| **Soft Skills** | Critical thinking, Effective Communication, Collaboration, Attention to Detail. Resilience |

**WORK EXPERIENCE**

**Cybersecurity lab projects** - Google Cybersecurity Certification September 2023 - Present

* Decrypted encrypted messages using cryptographic techniques.
* Created and validated hash values for data integrity checks.
* Managed user authorization and access control within a secure environment.
* Installed and configured software on a Linux distribution, ensuring system security.
* Performed file management and utilized Linux commands for system administration.
* Created and managed user accounts using Linux command-line tools.
* Executed SQL queries to interact with databases and retrieve critical data.
* Analyzed network packets using Wireshark to identify potential security threats.
* Captured and examined network traffic with Wireshark to detect anomalies.
* Analyzed security alerts, logs, and rules using Suricata to identify vulnerabilities.
* Reviewed and analyzed a data breach final report for a retail company, identifying key findings and recommendations.
* Documented a ransomware incident, outlining the attack vector, impact, and mitigation measures.
* Documented a phishing incident, detailing the attack, affected systems, and recommended response actions.
* Handled and responded to an alert ticket, following the incident response procedure and ensuring timely resolution.
* Conducted a vulnerability assessment and created a detailed report with a remediation strategy to mitigate identified risks.
* Developed a Control and Compliance Checklist to ensure adherence to cybersecurity policies and industry standards.
* Performed log ingestion with Splunk, ensuring accurate and timely collection of security data for analysis.
* Queried and analyzed security events using Splunk and Chronicles, identifying potential threats and vulnerabilities.

**ONYETECH** - AnambraJanuary 2023 - 2024

* Independently designed and implemented scalable APIs, improving development workflow efficiency by 25%.
* Participated in design discussions and provided input on creating efficient solutions for key functionalities.
* Actively sought and implemented feedback from senior team members, fostering continuous improvement.
* Engaged in team-building activities, promoting a positive and collaborative work environment.

**State Information and Technology Agency (SITA) internship** - Ondo State Mar 2022 - May 2024

* Designed and developed user interfaces for mobile applications, focusing on improving usability and user experience.
* Collaborated with cross-functional teams to build and maintain the agency’s website, ensuring its functionality and responsiveness.
* Delivered an insightful presentation on data mining, discussing techniques and real-world applications.
* Provided mentorship to SIWES students, teaching HTML and CSS to enhance their web development skills and understanding.

**PROJECTS**

**Vulnerability Assessment and Remediation Strategy**

Key Tasks: Conducted a vulnerability assessment of an organizational network and compiled a detailed report with remediation strategies to address identified risks.

**Network Packet Analysis**

Key Tasks: Captured and analyzed network traffic using Wireshark and tcpdump to detect anomalies and identify security threats within a corporate network.

**SIEM Log Analysis**

Key Tasks: Performed log ingestion with Splunk to collect security data, then queried and analyzed events to identify potential threats and vulnerabilities across the network.

**Incident Response and Alert Handling**

Handled and responded to security alert tickets, following the incident response procedure, analyzing the alerts, and providing timely resolution.

Link to portfolio documents : [GitHub](https://github.com/EmmaUche001/EmmaUche001)

**EDUCATION**

**University of Nigeria, Nsukka** 2018 - 2023

B.Sc. **Computer Science**

**CERTIFICATIONS**

Google Cybersecurity Certification (In Progress, Expected Completion: December 13, 2024)

[**Foundations of Cybersecurity**](https://www.coursera.org/account/accomplishments/records/BHOI7QIRUDO0)

[**Play It Safe: Manage Security Risks**](https://www.coursera.org/account/accomplishments/records/Y6Y3T3GM7USG)

[**Connect and Protect: Networks and Network Security**](https://www.coursera.org/account/accomplishments/records/202VKWNRCEXN)

[**Tools of the Trade: Linux and SQL**](https://www.coursera.org/account/accomplishments/records/TS2ZZRG1RAW5)

[**Assets, Threats and Vulnerabilities**](https://www.coursera.org/account/accomplishments/verify/QWH9ES55M6YB?utm_source%3Dandroid%26utm_medium%3Dcertificate%26utm_content%3Dcert_image%26utm_campaign%3Dsharing_cta%26utm_product%3Dcourse)

[**Sound the Alarm: Detection and Response**](https://www.coursera.org/account/accomplishments/records/VQE8NO6FDM8O)