

ABANISENIOLUWA KOLAWOLE OROJO

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EDUCATION

Baylor University – Waco, Texas

Doctor of Philosophy in Computer Science

January 2023 – December 2025

Webster University – Saint Louis, Missouri

Master of Science in Cybersecurity

May 2021 - August 2022

Webster University – Saint Louis, Missouri

Bachelor of Science in Computer Science

October 2017 - May 2020

- Minor: Management

EXPERIENCE

Baylor University – Waco, Texas

June 2023 - Present

Cyber Security Researcher

- Successfully developed and executed a cybersecurity summer camp, imparting key cyber threat awareness and prevention strategies to 30 students.
- Conceptualized and implemented a comprehensive Critical Infrastructure and Cybersecurity course, benefiting industry professionals globally with hands-on lab experiences and actionable intel.
- Utilized Proxmox, Ansible, and Terraform to effectively provision labs, enhancing practical learning and fostering advanced technical skills among students.
- Employed expertise in PLC programming and HMI creation to simulate factory PLC environments, providing practical exposure to industrial automation dynamics.

Baylor University – Waco, Texas

January 2023 – May 2023

Teaching Assistant

- Assisted in the delivery of the Data Communication course, contributing to the academic success of numerous students.
- Collaborated with the lead instructor in creating and grading assignments, ensuring fair evaluation and timely feedback.
- Assisted in the development and co-authoring of a pivotal research paper titled "Leveraging Social Media Crowdsourcing for Gathering Ground Truth in Conflict Zones", highlighting the potential of social media as a source for real-time, on-ground data from conflict zones.

Apex-Ezone – Lagos, NG

Aug 2021 - Dec 2022

Cyber Security Analyst

- Monitored and interpreted threats using IPS, IDS, and SIEM, and configured switching, routing, and firewall technologies.
- Performed data transformation programs and deployed campaigns for data privacy.
- Developed and maintained incident response protocols to mitigate damage and liability during security breaches.
- Administered organization's identity access management system, configuring new roles, and adding new users to both cloud and on-premises systems.

ADDITIONAL

- Honors: 2017 – 2020 Webster University Undergraduate Award, 2020 Webster University Undergraduate Valedictorian, 2020 Webster University Dean's List Award
- Technical Skills:
 - Programming Languages: Python, SQL, Java, C++, HTML/CSS, JavaScript
 - Cloud Platforms: GCP and Azure
 - Cybersecurity: Splunk, Security Onion, pfsense, kali, burp suite. Nessus, Wireshark, Metasploit, Nmap, and Snort.
 - Certifications: CompTIA Cybersecurity Analyst+, Security +, Network +
 - Risk and Compliance: Familiar with GDPR, HIPAA, and other regulatory compliance standards.
 - Automation: Ansible and Terraform