

# Adedamola Philip Adesokan

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## EDUCATION

**University of New Mexico**, Albuquerque, NM

Aug. 2022 – Present

**School of Engineering**

Candidate for a Doctorate in Computer Engineering

**University of Lagos**, Lagos, Nigeria

November 2016

**Department of Mechanical Engineering**

Bachelor of Science in Mechanical Engineering

## TECHNICAL KNOWLEDGE

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|----------------------------|---|
| <b>Languages/ Cloud:</b>   | Python, Bash, AWS, Google, Azure  |
| <b>Penetration Testing</b> | Web, Mobile, Internal, External   |
| <b>Networking</b>          | TCP/IP, OSI, Routers, Firewalls, VPN, WAF   |
| <b>Planning:</b>           | Agile, SDLC, Story Mapping  |
| <b>Tools:</b>              | Cloud, Terraform, Jira, Kubernetes, Docker, Gitlab, SonarQube, Burp Suite, OWASP ZAP, Trivy, DefectDojo, SemGrep, Nessus, OpenVas, Nikto, Dirb, Nuclei  |
| <b>Certifications:</b>     | Certified Information Security Systems Professional (CISSP), CompTIA Cybersecurity Analyst (CySA+), CompTIA Security Analytics Professional (CSAP), Certified Ethical Hacker (Practical), CompTIA Security+, AWS Certified Cloud Practitioner, Microsoft Certified Security Operations Analyst, eLearnSecurity Junior Penetration Tester, Licensed Penetration Test Professional. |

## WORK EXPERIENCE

**Adaptive Biotechnologies**, Seattle, Washington, USA

June 2023 – August 2023

Intern, Cloud Engineer & Cyber Security

- Performed PoC on integrating all IT systems and assets into Google Chronicle (a cloud based SIEM) to improve security monitoring and visibility.
- Improved vulnerability management by IaC scanning tools such as Trivy, ScoutSuite, SonarQube and Kubescape.
- Developed a custom parser to integrate Kubescape scan reports into DefectDojo.

**KPMG**, Lagos, Nigeria

May 2021 – August 2022

Senior Associate Consultant, Cyber and Privacy

- Managed the delivery of technical security assessments (including vulnerability assessments, penetration testing and application security reviews) for clients across different industries in Africa.
- Handle stakeholder (C-Level) management on the assessment status at every milestone defined in the project Scope of Work (SOW)
- Collaborate with other product managers and owners to design product roadmaps, user-stories, functional & technical requirements, and prioritize the backlog of work.

**Access Bank Plc**, Lagos, Nigeria

Sep 2018 – May 2021

Analyst, Information and Cybersecurity

- Managed the integration of security features and controls on all new and existing banking applications.
- Managed the implementation of the Payment Card Industry Data Security Standard (PCI-DSS), ISO 27001, SWIFT Customer Security Program and banking regulation standards.
- Perform risk assessment and recommend changes to procedures and systems to comply with global information security standards.

## PUBLICATIONS

- A. Adesokan**, M. S. Siraj, A. S. Penafiel, E. E. Tsiropoulou and S. Papavassiliou, "GAIA: A Dynamic Crowdmapping Framework based on Hedonic Coalition Formation Games", Globecom2023 SAC SN. (Under Review)
- A. Adesokan**, M. S. Siraj, A. B. Rahman, E. E. Tsiropoulou and S. Pavassiliou, "How to become an Influencer in Social Networks", IEEE ICC'23 - SAC-07 SN Track. (Accepted)

## **SELECTED PROJECTS**

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|---|------|
| <b>Cloud Engineering,</b> at Adaptive Biotechnologies   | 2023 |
| <ul style="list-style-type: none"><li>PoC on Google Chronicle SIEM</li></ul>  |      |
| <b>Vulnerability Assessment and Penetration Testing,</b> for Interswitch Nigeria Limited  | 2021 |
| <ul style="list-style-type: none"><li>A project to carry out both internal and external pentest, identify vulnerabilities and report findings to senior management.</li></ul> |      |
| <b>Application Security Review,</b> for Greenwich Merchant Bank, Lagos Nigeria  | 2021 |
| <ul style="list-style-type: none"><li>Leverage OWASP top 10, ASVS and MASVS to identify vulnerabilities affecting a core business application.</li></ul>                      |      |
| <b>Web Application Firewall (WAF) Optimization,</b> for Access Bank Plc, Lagos, Nigeria   | 2020 |
| <ul style="list-style-type: none"><li>Onboarded customer facing applications behind the WAF and reduce false positives alerts by over 75%.</li></ul>                          |      |