SAMSON ADEKOYA

Cyber Security, OSINT& Digital Forensic Analyst

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SUMMARY

Cybersecurity specialist with 6+ years of integrated experience in SOC operations, Open-Source Intelligence (OSINT), and Digital Forensics. Proven ability to detect threats, investigate incidents, collect and analyze digital evidence, and deliver actionable intelligence for fraud prevention and criminal investigations. Conference director of CSICon 2025, Nigeria's first major conference dedicated to ethical OSINT, cybersecurity and digital forensics Field experience in OPSEC, phishing forensic, web forensics and investigative workflow design. Seeking to leverage technical competence, analytical rigor, and client focuses collaboration to support complex forensic investigations and incident response initiatives.

EXPERIENCE

Lead OSINT & Forensic Analyst

Prax Intelligence

06/2025 - Present Remote

Company Description

- Design end to end investigative workflows combining OSINT, SOCMINT, and IMNT techniques to collect, verify, and analyze digital evidence for impersonation, blackmail and financial crime cases.
- Applied OPSEC principles to preserve evidence integrity and maintain chain of custody in sensitive investigations .
- Partnered with law enforcement agencies to deliver forensic training and awareness programs on digital safety, ethical investigation, and forensic-aware evidence handling
- Utilized open source forensic tools (Maltego, theHarvestet) to collect and verify digital artifacts for investigative reporting.
- Applied forensic-aware investigation protocols when analyzing malicious URLs and domains.
- Participating in tabletop exercises simulating data breaches scenarios, focusing on evidence handling, notification protocols and forensic readiness

Digital Forensic Analyst

Saibasec

12/2023 - 04/2025 Hybrid, Lagos.

- Conducted digital forensic triage on security incidents, preserving logs and artifacs for potential evidence collection and chain of custody documentation. .
- Perfomed phishing email forensics by analysing email headers and extracting IOCs using open source tools
- Utilized open-source tools forensic tools(Autopsy,Volatility, etc) in lab environments to support incident analysis and malware artifact identification.
- Participated in weekly SOC meetings to discuss raised incidents, alerts, and SOP updates, including forensic evidence handling.
- Supported incidense response efforts by collecting electronically stored informatio from endpoints and network logs for deeper forensic review
- Collaborated with internal teams to implement log preservation policies ensuring data integrity for potential forensic investigations
- Conducted basic malware triage using sandboxing tools to identify identicators of compromise (IOCs0 and support threat hunting activities.
- Contributed to forensic process improvement by documenting SOPs for artifact collection, reducing response time for security incidents requiring investigation.

CORE COMPETENCE

Key Competence

Cybersecurity : SOC montoring & Alert, Incidence Response & Remediation, Email Security (SPF,DKIM,DMARC), Network Security(Firewalls, IDS/IPS), Vulnerability Research & Threat Hunting.
OSINT & Intelligence : OSINT/SOCMINT/IMINT investigations, Threat intelligence & IOC management, Fraud Investigation workflows, Geolocation & verification protocols, Ethical Intelligence gathering.
Digital Forensics: Phishing email forensics, Web forensics, Chain of custody awareness. Disk.Memory acquisition concepts, ESI collection & analysis, Forensic reporting & documentation.

SKILLS

TECHNICAL SKILLS
Tools & Frameworks: Splunk, SIEM console, Prooftpoint email gateway, Autopsy, Volatility, OS forensics, FTK Imager, Encase, MXToolbox, Virustotal, AbusePDB, Belkasoft, Maltego, Sherlock, ISO 27001.
Operating Systems: Windows, Linux, Macos.
Forensic Concepts: Phising analysis, IOC extraction, artifact identification,evidence aware investigation protocols, log-preservation
Soft Skills: Curriculum Design, Student Mentorship, Grant Research, Community Engagement

EDUCATION

Master's Degree in Data Science,

University of Ibadan

08/2024 - Present

Bachelor's Degree in Cell Biology & Genetics

University of Lagos

09/2014 - 2018

EXPERIENCE

Cyber Security Anayst

Solid Foundation Estates Limited

02/2021 - 11/2023 Dolphin Estates, Lagos

Solid Foundation Estates Limited is a real estates and facility management company, that deals in sales of residential and commercial properties.

- Monitored SOC Operations including detection, tracking, and analysing of Alerts and incidents using Splunk SIEM
- Investigated malicious phishing emails and domains using open source tools(MXToolbox, VirusTotal, URLScan etc), extracting IOCs and email header artifacts fr incident remediation.
- Blocked IOCs across email gateways and network defenses, preserving logs for potential forensic review.
- Amalzed attacks with remedial attack analysis, documenting findings in forensic style reports for leadership and client escalation.
- Worked on Proofpoint Email Gateway to analyze email authentication issues and spam detection, applying forensic triage principles to prioritize high risk artifacts.
- Shared weekly and monthly reports with board members detailing resolution actions, spam metrics, and forensic relevant trends..
- Conducted basic malware triage using open source tools to identify indicators of compromise.

Junior Security Research & Analyst

Singularity Management Limited

01/2020 - 12/2021 Victoria Island, Lagos

- Monitored security alerts generated with SIEM, acknowledged and closed false positives, raise tickets for validated incidents requiringforensic follow up.
- Analzed SIEM alerts by following runbooks and using various tools, escalated critical alerts to L2 analyst for deeper forensic investigation.
- Monitored and analyzes user login-based activities, brute-force attempts, and account lockouts alerts, preserving logs for potential review.
- Assisted in generating forensic- style reports and dashboards , monitored logs and created visual analytics for incident trends and artifact tracking.
- Researched vulnerabilities, malware, and cyber threats to support proactive defense and forensic readiness plannings.
- . Participated in weekly SOC meetings to discuss raised incidents, alerts, and SOP updates.

LEADERSHIP & VOLUNTEERING

CSICon 2025 : Nigeria's first OSINT, Cybersecurity & Digital Forensic Conference
Director, Nov, 2025.

- Designed Nigeria's first dedicated pogram structure for ethical OSINT Cybersecurity, and digital forensics skill building.
- Secured international speakers from UK, US, India, Italy, partnered With industry leaders to train students and officers on investigation practices.
- Created Nigeria;s first dedicated space for ethical OSINT skill buid-lng and forensic tool demostrations.

Junior Trace Labs Missing Persons CTFs.

- Assisted volunteer teams in live missing persons investigations Using OSINT techniques and forensic-grade documentation protocol
- Taught verification, geolocation, and reporting protocols align with Court admissible evidence standards.
- Contributed to successful case resolutions through ethical, evidence Aware investigation methods.

OSINT Adoption Rsearch in Nigerian LEAs

- Researching barriers and opportunities for integrating OSINT And digital forensics into formal investigative workflows within Agencies.

LANGUAGES

English
Proficient

Yoruba
Proficient

French
Intermediate

CERTIFICATIONS

- Certified Web Forensic Expert
- Maltego for Cybercrime Investigations
- Fortanix Certified Administrator
- Digital Forenic Triage
- Anti Money Laundering & Fraud Analysis
- Open Source Intelligence (Basel Institute of Governance)
- ISO/IEC 2700: 2022 Information Security Associate

In Progress / Self-Directed:

- AI Powered Threat Detection – ML fundamentals for anomaly detections, building simple classifiers for SIEM log analysis
- LLMs for OSINT & Forensic Reporting – Prompt engineering investigative workflows, using AI to accelerate report drafting with human oversight.
- AI in Digital Forensic Triage – Resarching automated artifact ectration toolsm evaluating AI for initial evidence review while preserving chain -of -custody