EMMANUEL KORANTENG

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Professional Summary.

He has strong foundations in cybersecurity technologies and principles (CompTIA Security plus), and computer networks and protocols (Cisco Certified Network Associate) CCNA. He leverages his knowledge and skills to contribute to enhancing the cybersecurity posture of organizations and businesses. He aims to continuously develop personal, technical, and analytical skills through teamwork and collaboration. Self-motivated and higher performer in teamwork settings.

Experience.

Job Title: Assistant Support Technician(Intern).   **Company:** KZ English (China).   **Date:** 2018/2019
- Assisted with maintaining the organisations server, routers, and switches.
- Assisted with L1,2,3 configurations.
- Assisted with systems updates, security.
- Assisted with troubleshooting tickets.

Job Title: System Administrator   **Company:** NOPAK Construction(Ghana)   **Date:** 2021
- Maintained organisation's systems and Microsoft360 environment.
- Troubleshoot organisations network environment, printers, and PCs.

Job Title: Camp Counsellor.   **Company:** Aloha Foundation (United States)   **Date:** 2023
- Lead and organised events for campers young and old.
- Lead culture exchange talks and role-modelling for campers.
- Reception duties interacting, welcoming directing campers.
- Worked with teams meet daily target.

Job Title: Graduate Placement. **Company:** University of Sunderland (United Kingdom) **Date:** 2023/24
- Worked with supervisor on research project to determine social media bots on social media platforms.
- Worked with python and APIs.

Education.

Degree: MSc Applied Cybersecurity.   **University:** University of Sunderland.   **Date:** 2022-2024.
- Fundamentals of Cybersecurity.
- Cybersecurity User Experience Design.
- Cyber Resilience and Incidence Response.
- Technology Management for Organisation.

Degree: BSc Computer Science and Technology. **University:** Nanjing University of Posts and Telecommunication. **Date:** 2015-2019.
- Advance Mathematics, Algebra, Physics, Probability statistics, Discrete Maths, Numeric Computing.
- Introduction to Computer Science and Technology, Operating Systems, Software Engineering, Computer Communications and Networks, Embedded systems, Database, IoT, Artificial Intelligence, Web Technologies.
- C++, Java, Data Structure , Compiler Principles, Digital Circuit and Logic Design, Information Theory, Computer Graphics, Cognitive Practice.

Degree: WASSCE (GCSE Equivalent, UK ENIC Approved). **School:** saint John's Secondary School. **Date:** 2011-2013.
- Mathematics (Core).
- Mathematics (Elective).
- English.
- Integrated Science (Physics, Chemistry, Biology).
- Financial Accounting.
- Economics.

Certification and Training.

Award: Cisco Certified Network Associate (CCNA).
- Network Fundamentals (Routing and Switching, firewalls, IPS, AP, Virtualization).
- Network Access (VLAN, RADIUS, HTTPS, SSH, QoS).
- IP Connectivity (OSPF, BGP).
- IP Services (NAT, DHSP, DNS, FTP, NTP).
- Security Fundamentals (VPN, WPA2, WPA3, PSK, WLAN, IPsec, MFA, Security Awareness).
- Automation and Programmability (API, Puppet, Chef, JSON, SDN).

Award: CompTIA Security Plus.
- Attacks, Threats, and Vulnerability (Social Engineering, IoCs, Application and Network Attacks, MITRE ATT&CK, Security Assessment, Penetration Testing).
- Architecture and Design (Virtualisation and Cloud, Secure Application and Automation, Authentication and Authorisation, Cyber Resilience, SCADA, Security Controls, Cryptography, PKI).
- Implementation (SSL/TLS, IPsec, HIDS, HIPS, IDS, IPS, OSI IAM, Kerberos, RADIUS OAuth, OpenID, TACACS+).
- Operations and Incident Response (Linux, Wireshark, PowerShell, Python, Forensics, Incidence Response, BCP, DRP, Cyber Kill Chain, SIEM, SOAR).
- Governance, Risk and Compliance (GDPR, PCI DSS, CIS, ISO 27001/27002/27701/3100, SOC 2 Type II, Risk Management).

Training: SOC Level 1.   Trainee: TryHackMe.
- Detect and analyse traffic anomalies
- Monitor endpoints for threats
- Utilise SIEM tools to handle incidents
- Investigate forensic artefacts

Training: AWS DevOPS.   Trainee: Sunderland Software Centre.
- Software Development Life Cycle
- CICD

Training: AWS Cloud Practitioner.   Trainee: A Cloud Guru.
- Cloud Concepts
- Cloud security fundamentals
- Cloud Services
- Cloud Governance

Skills.
- Proficient in cybersecurity frameworks and technologies like **NIST, ISO, SOC 2 GDPR.**
- Experience in SOC technologies like **SIEM with Splunk.**
- Experience in AWS cloud technologies like **IAM, VPC, EC2 etc**
- Experience with automation tools like **Terraform and Ansible**
- Experience in containerisation with **Docker**
- Programming knowledge in **python, C++, bash scripting and PowerShell.**
- Experience in networking Security concepts and protocols like the **OSI, TCP/IP, VPN VLAN.**
- Experience in OS Environments like **Windows and Linux.**
- Fluent in communication, Teamwork analytical thinking and problem solving.

Projects.
Source: https://www.xcatter.biz/portfolio