



EMMANUEL CROSBY SIAW

+233543143152



cloris098@gmail.com



Ghana



SUMMARY

I am a Cybersecurity and GRC professional dedicated to fortifying digital trust through rigorous auditing and technical excellence. With a Master's in Information Communication Engineering and certifications as an ISO 27001:2022 Lead Auditor and ISC2 CC, I specialize in aligning technical operations with international security standards. Currently serving as an IT Auditor in the banking sector and a Lecturer at the University of Winneba, I bring a unique blend of industrial practice and academic theory. My background includes critical technical roles at the National Identification Authority (NIA), where I managed district-level operations and secured identity systems for millions. My Expertise Includes: IT Audit & GRC: Conducting gap analyses and internal audits for ISMS (ISO 27001:2022). Academic Leadership: Technical instruction in Information Communication Technology and Cybersecurity. I am passionate about the socio-technical aspects of security where one needs to understand both the technical protocols and the human element. Let's connect to discuss cybersecurity governance, risk and compliance, technical auditing, or digital identity.

EDUCATION

Harbin Institute of Technology Shenzhen Graduate School, China

M. Eng. Information and Communication Engineering
Sept 2014 - July 2017

Thesis: Video transmission over wireless networks using NS3

Presbyterian University College, Ghana

BSc. Information and Communication Technology
Sept 2008 - July 2012

Thesis: Developing an Electronic Voting System for Presbyterian University College

KNUST Senior High School, Ghana

West African Senior School Certificate Examination (WASSCE) - Science
Sept 2004 - July 2007

SKILLS

- Governance, Risk and Compliance
- Security Principles
- ISO 27001:2013
- ISO 27001:2022
- Information Security Management Systems (ISMS)
- Network Security
- Disaster Recovery Concepts
- Business Continuity Concepts
- Incident Response
- Audit Testing and reporting
- Vulnerability Management
- Technical Support
- Change Management
- Good communicator
- Ability to work in a team
- Report Writing
- Knowledgeable in Python, VB.net, JavaScript, HTML, CSS and Bootstrap

PROFESSIONAL EXPERIENCE

IT Auditor

Sinapi Aba Savings and Loans Ltd | August 2023 - Present

- Examine internal IT controls, evaluate the design and operational effectiveness, determine exposure to risk, and develop remediation strategies.
- Facilitate the planning, implementation, monitoring, and upgrading of security measures for the protection of the SASL data, systems, and network.
- Test and identify network and system vulnerabilities, and recommend counteractive strategies to protect the network.
- Conduct efficient and effective ISMS audit based on ISO 27001:2022 standard
- Communicate complex technical issues in simplified terms to the relevant staff.
- Perform regular audit testing and provide recommendations.
- Review, evaluate, and test application controls.
- Provide recommendations and guidance on identified security and control risks.

Assistant Lecturer (Part-time)

University of Education, Winneba, College of Distance and e-Learning (CODEL), Kumasi Campus | Feb 2023 - Present

- Developing course materials such as lecture notes, assignments, and assessments.
- Facilitating classroom discussions, answering questions, and providing guidance to students.
- Conducting tutorials, labs, and practical sessions to enhance students' understanding of the subject matter.
- Acting as a first-line supervisor for undergraduate "Long Essays" or final-year projects.
- Supervising examination halls to ensure academic integrity.
- Acting as a mentor to a specific "level" of students, helping them choose electives or navigate academic challenges

TRAINING, EXPERIENCE AND CERTIFICATIONS

- **Certified Network Engineer on Microsoft Windows Server 2003 Platform** | Aug 2007 – Jun 2008 | National Institute of Information Technology (NIIT)
- <https://www.credly.com/users/emmanuel-siaw/badges>
- Certified in Cybersecurity (CC) by ISC2
- MasterCard Cybersecurity virtual experience program on Forage – 16 April 2024
- ISO 27001:2022 Lead Auditor (IAS Accredited)
- <https://github.com/cloris098>
- Independently conducted ISO 27001:2022 ISMS internal audits for Raycom Technologies Ltd and Straj Solutions on a contract basis in support of their ISO 27001:2022 certification process

REFERENCES

Clement Ofofu Ntiamoah | Chief Internal Auditor

Sinapi Aba Savings and Loans

Mobile: +233 54 809 7013

Email: cntiamoah@sinapiaba.com

Mr Augustine Asare-Bediako | UEW Coordinator

University of Education, Winneba, Kumasi campus

Mobile: +233 24 4165707

Email: codel.kumasiaamusted@uew.edu.gh

Emmanuel Arthur | Regional Registration Officer

National Identification Authority

Mobile: +233 24 326 3837

Email: arthur.emmanuel@nia.gov.gh

PROFESSIONAL EXPERIENCE

District Registration Officer

National Identification Authority | November 2021 - July 2025

- Overseeing the operations of the NIA District Office;
- Liaising with the contact persons of institutions and property owners of facilities where NIA offices are located or where registration exercises will be conducted;
- Ensuring the availability of conducive atmosphere for the smooth registration of applicants especially the vulnerable and people with special needs;
- Providing input for the development of the budget and procurement plans of the district;
- Collaborating with Metropolitan, Municipal and District Assemblies (MMDAs) to ensure effective implementation of registration exercises in the district;
- Preparing staff performance reports for presentation to the Regional Registration Officer and Management;
- Preparing and submitting weekly, monthly, quarterly and annual reports of the District Office to the Regional Office;
- Providing inputs for the development of appropriate operational systems and manuals to ensure compliance with statutory regulations and corporate policies/standards;
- Ensuring that logistics assigned to the district office are used judiciously and properly accounted for;
- Facilitating the safe and secure deployment and storage of registration materials and logistics in the district as well as their maintenance.

Technician/Trainer

National Identification Authority | Nov 2018 - April 2021

- Training of Field workers i.e., Card Verification Officers (CVO) and Mobile Registration Workstation Operator (MRWO);
- Hardware and software troubleshooting of software, workstations and its peripherals used for registration in the district;
- Preparing and submitting reports of all technical issues that occur on the field and resolutions to those issues
- Deployment and retrieval of all machines and logistics used in the district;
- Ensuring that all machines are judiciously used and properly accounted for
- Testing of various software and hardware components that will be used on field.
- Coordinating with the District Registration Officer and his subordinates to ensure that all activities are successfully executed
- Configured and deployed PKI digital certificates on local workstations to enable secure, authenticated access to the NIA central database.

Teacher

Kwabre Senior High School | Oct 2012 - Aug 2013

- Designing weekly "Lesson Notes" based on the approved GES/WAEC syllabus and the "Scheme of Work."
- Teaching ICT using a mix of traditional lectures and practical demonstrations.
- Organizing and supervising lab sessions or computer practicals to ensure students understand the application of theory.
- Drafting Mid-Semester and Mock examination questions and grading scripts and maintaining a "Mark Book" to track each student's continuous assessment