EGHO PROMISE EHIGIATOR (phD DCN & BA)

Home address: 37 De Lacy Street, Ashton‑On‑Ribble Preston, Lancashire PR2 2DD, Preston | +447466076674 |

ORCID ID**:** <https://orcid.org/0000-0001-8948-1813>

ResearchGate: <https://www.researchgate.net/profile/Ehigiator-Egho-Promise>

Google Scholar Link: <https://scholar.google.com/citations?user=X-jERmIAAAAJ&hl=en>

Email address: [eghopromise@yahoo.com](mailto:eghopromise@yahoo.com)

[Eegho-promise@ucb.ac.uk](mailto:Eegho-promise@ucb.ac.uk)

More than 10 years teaching experience in Networking, Cyber Security and Cyber Forensics

Over 20 years of industry experience in Telecommunication and Cyber Security

**TEACHING EXPERIENCE**

Lecturer in Computing (Cybersecurity) 05/09/2024 to date

University College Birmingham

Summer Row, Birmingham B3 1JB

**Type of employment: Permanent full time**

* Develop and prepare high quality, inspiring and inclusive Learning and Teaching materials, assignments, activities and assessments which support student learning and embed employability skills.
* Contributing to curriculum development, promotion and marketing of new courses and new approaches to Learning and Teaching.
* Undertake assessment of students’ coursework, project work and examinations, and maintain up-to-date and

accurate records of their progress and achievement.

* Participate fully in team/Department/School meetings and planning activities.
* Sharing good practice in all aspects of my role.
* Contributing to student recruitment through participation in marketing and promotional events, such as open
* days/evenings.
* Maintain high standards of quality
* Participate fully in course team activities and acting as a Unit/Module/Course Leader
* Providing high quality academic, pastoral and personal support for students, including acting as a Personal Tutor.
* Assisting with the administration, enrolment and induction of students
* Contributing to the review of learning programmes, including apprenticeship provision, e.g. retention, attendance, success, progression and student satisfaction.
* Contributing to Course Self-Assessment Reports
* Contribute to collaborative links with other programmes/subjects and develop internal networks.
* Develop links with external partners such as other educational bodies, employers and professional bodies to

foster collaboration

* Reflect and act upon feedback from students/peer observations to enhance contribution and practice.
* Offer peer support and share good practice in all aspects of the role.
* Upholding the principles of Safeguarding and the PREVENT agenda.
* Ensuring practice is in line with the requirements of the General Data Protection Regulations**.**

**Visiting Lecturer-Computer Science**

**Birmingham Newman University**  **08/ 07/2024 to date.**

Genners Lane, Birmingham B32 ENT

Type of employment: Part time

* Manage teaching, conducting research, scholarly and administrative activities and supervise students’ fieldwork and placements
* Prepare, ensuring contents, methods of delivery and learning materials meet the defined learning objectives for teaching sessions
* Set and mark assignments and set examination questions as well as assessing the work and progress of students by reference to defined criteria and provide constructive feedback to students
* Seek ways of improving performance by reflecting on teaching design and delivery and obtaining and analysing feedback
* Collaborate with academic colleagues on programme development and curriculum changes.
* Attend and contribute to relevant meetings.
* Collaborate with colleagues to identify and respond to students’ needs.
* Communicate complex information, orally, in writing and electronically.
* Communicate information and ideas to students.
* Produce materials that support learning, research and innovations
* Deal with routine communication using a range of media.
* Appreciate the needs of individual students and their circumstances
* Develop initiative, creativity and judgment in applying appropriate approaches to learning and teaching support and scholarly activities.
* Respond to pedagogical and practical challenges.
* Share responsibility in deciding how to deliver modules and assess students.
* Contribute to collaborative decision making with colleagues on academic content and on the assessment of students’ work.

**External Examiner**

**Africa Centre of Excellence on Technology Enhanced Learning (ACETEL) 15/01/2024 to date.**

National Open University of Nigeria, Abuja, Nigeria

Plot 91 Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi, Abuja.

Type of employment: Remote Part time

* Assessment and review of Cyber Security master’s and PhD students’ theses and dissertations.
* Provide advice on course content, teaching, and learning strategies.
* Identify any areas of good practice and innovation, or recommendations for

enhancement, related to the learning, teaching or assessment on the programme

* Mark research project dissertations.
* Attend project vivas in order to examine candidates.
* Complete and return an External Examiner Report Form
* Attend Review Meetings and the Board of Examiners’ meeting at which results are ratified.

and graduation decisions are made.

* Review and comment on the appropriateness of the marking schedules and the standard.

setting process and to moderate marks where necessary.

* Review sample of scripts to ensure that standards are maintained, and that marking is

consistent.

Cyber Security Trainer 01/04/2024-date

Technobeacon Consulting Ltd

33 Melthorpe Gardens, Blackheath , Greater London, SE3 8EJ

Type of employment: Part time (weekends)

* Collaborate and individually carry out research to discover new knowledge and applying same to solve privacy and security problems as well as to enhance teaching and learning experience.
* Develop and deliver dynamic learning programmes that meet the needs of clients and utilise multiple and diverse teaching and learning strategies.
* Deliver employability training in a group setting that engages clients through an in-depth differentiated and tailored learning experience.
* Assess clients’ needs and set robust plans and targets to meet their needs on an individual basis.
* Achieve outcomes for clients that provide a wide range of benefits including jobs, apprenticeships, qualifications, and other progression routes.
* Prepare learners for their subsequent next steps in the industry.
* Prepare learners to obtain their professional certifications.
* Manage data for learners including assessments.
* Manage individual client targets, always ensuring that clients are being stretched and challenged to ensure their onward.

Dean for West African and Professor of Cybersecurity, Cyber Forensics and Telecom Networking

European-American University Bunyoro-Kitara, Uganda 01/01/2024-date

Type of employment: Fixed contract

* Promotes ethical conduct in all aspects of the research processes including but not limited to conflicts of interest, data acquisition, management, sharing and ownership, publication practices, responsible authorship, and collaborative research and reporting.
* Promotes the ethical conduct of research by reporting good faith suspicions of misconduct in research as defined within the Research Integrity Policy and Code of Conduct of the university.
* Coordinating the development of and implementing the university’s vision and goals statement.
* Leading university efforts toward achieving university goals.
* Leading, and coordinating university strategic planning and curriculum development.
* Supervising, evaluating, and supporting university in a manner that promotes excellence in instruction, scholarly and creative productivity, and services.
* Leading and coordinating the governance of the university.
* Coordinating the professional development of university administrators and staff in West Africa.
* Evaluating overall university productivity in instruction, research, and service responsibilities.
* Managing university staff members in West African.
* Deliver lectures, conduct assessments, and supervise students’ projects.
* Collaborate in strategy development, policy setting and problem solving to effectively serve the University’s needs.
* Informed by data analytics, assess and evaluate current programs, projects and staff assignments to create a dynamic academic environment.
* Oversee faculty recruitment, retention, and continuing professional development, including particular attention to recruiting and retaining faculty of diverse backgrounds.
* Direct enrolment, admissions, mentoring, retention, and completion of degree requirements for students in a timely manner.
* Maintain appropriate assessment data, prepare reports, and verify compliance.
* Explore and engage in best practices regarding administration, programs, and course delivery.
* Seek effective partnerships with external community in support of existing or proposed new academic programs.
* Represent the University through participation in community and corporate activities, meetings, and events in West Africa countries. Actively promoting interest in the University wherever and whenever possible.

Digital Teacher, Lead Internal Verifier & Study Programme Owner (Course Lead) 01/08/2023 to 16/08/2024.

Department: ICT

Faculty: CreaTech

Type of employment: Permanent Full Time

City of Oxford College and University Centre at Blackbird Leys, Cuddesdon Way, Oxford OX4 6HN Oxfordshire, UK

(The Further Education College and University Centre is managed by Activate Learning)

* Provide career guidance and counseling to new students.
* Managing the assessment of units and qualifications as well as signing off assessment and internal verification decisions.
* Using 3Rs (Relationship, Readiness and Routine) to enhance students learning.
* Applying learning cycle strategies (Prepare & plan, Check & Connect, Share, Present, Apply, Recall and Review) to deliver quality teaching and boost retention knowledge.
* Applying BME (Brain, Motivation and Emotion) philosophy to get students engaged and enhance their learning.
* Incorporating and teaching students’ employability skills
* Enroll new students into different qualifications of their choice after providing them with adequate career counseling.
* Equipping students with adequate information on the examinations
* Provide reliable additional support to students who are having learning difficulties through tutorials.
* Record and keep students register through REMS software.
* Complete learner profiles with evidence from Teachers
* Supporting the students to achieve their potentials through GROW (Goals, Reality, Options, Will) Model
* Ensure all data regarding courses is accurate.
* Take ownership of the academic progress of the students on their whole study programmes, intervening where necessary
* Incorporate student feedback into planning for improvement.
* Monitor, record and report the academic performance of students through Promonitorsoftware.
* Send emails and make calls to students who are absent from school.
* Provide assignment and assessment material to students through Activate Learning Online (ALO).
* Participate in students’ recruitment.
* Contribute to timetable planning.
* Ensure Markbook is set up and regularly updated.
* Participate in curriculum planning and development.
* Conducting and marking assignments and assessments scripts
* Conducting formative and summative assessments
* Attend meetings.
* Develop and deliver high-quality material and activity that meets the learning needs of

students and defined learning objectives.

* Demonstrate good practice in teaching, learning and assessment through the use of a

wide range of learning resources and appropriate pedagogic practice.

* Ensure that teaching is informed by contemporary and current research in the relevant field and that students are engaged in debate, critical discourse, and rational thinking.
* Reflect critically on teaching, learning and assessment practice, and implement improvements.
* Identify appropriate and effective assessment instruments and criteria and engage actively with the quality monitoring and enhancement processes.
* Collaborate on the planning, design and development of programmes and short courses and the curriculum contained within the programmes.
* Assisting students to get industry placement.
* Provide feedback to students on their assessments and support them to achieve their goals.
* Supervision of students’ projects
* Participation in other academic activities as assigned by the faculty manager.
* Teaching students how to make use of Activate Learning Online resources which is the virtual Learning Environment (VLE) of the college.

Cyber Security/ Networking Tutor & Team Lead 01/ 10/2022 to 30/03/2024.

Type of employment: part time (Weekends)

Family Financial Centre Limited, Manchester, UK

Labyrinth Business Center, 45 Middle Hillgate Stockpot, Greater Manchester SK1 3DG UK

* Mentoring training delegates
* Developing and updating training course outlines and course training materials covering Cybersecurity, Cyber forensics, telecommunication, data communication and networking.
* Authoring and producing courseware to support learning which is used in courses for participants.
* Preparing and researching training materials such as quick reference guides, presentations, case

studies, and video contents.

* Delivering classroom, remote (UK & overseas) and hands-on training to groups and on a one-to-one basis.
* Evaluating the outcome of all training on a qualitative basis (e.g. feedback surveys) to identify areas

for improvement of programmes and materials and on a quantitative basis (e.g. pre/post-training

testing) to identify training outcomes and further training/re-training needs.

* Conducting and supervising trainees on projects
* Conducting and marking assessments.

Digital and Entrepreneurship Facilitator 10/03/2020-30/03/2024

Type of Employment: Remote part time (Weekends)

HETAVED Skills Academy for Innovations and Entrepreneurship

Oleh-Ozoro Road, Ozoro, Delta State, Nigeria

Performed teaching, learning, support and assessments

Teaching Assistant 30/01/2023 to 31/07/2023

Type of employment: full time

Hays Education, Preston, UK

**(Ashton Community Science College)**

**Aldwych Drive, Ashton-on-Ribble, Preston, Lancashire, PR2 1SL**

* Teaching support, learning and assessments

Teaching Assistant **28/** 09/2022 to 29/01/2023

Type of employment: full time

Veritas Education, Preston, UK

**(****Hillside Specialist School and College)**

**Ribchester Road, Longridge, Preston, Lancashire, PR3 3XB**

* Teaching support, learning and assessments

Professor of Cybersecurity, Cyber Forensics, Telecom Networking and Professorial Fellow

European-American University Bunyoro-Kitara, Uganda 15/10/2020-30/12/2023

* Perform administrative duties, represent the university and engage with external stakeholders

Computer Science Lecturer 1**5**/ 01/2012 to 28/08/2022

**Type of employment: full time**

GREM Telecom Academy, Ghana

Adjacent to University for Development Studies, Tamale, Northern Region, Ghana

* Delivery lectures to students
* Record and keep students register.
* Send emails and make calls to students who are absent from school.
* Participate in students’ recruitment.
* Accompany students on school trips.
* Conducting and marking examination scripts
* Conducting and performing assessment of seminars and term papers for students
* Supervision of students’ research projects
* Participation in other academic activities
* Provide regular update of Virtual Learning Environment (VLE) and e-learning portals with current industry based and students focus lecture materials.

Computer Science Lecturer **01/** 09/2017 to 28/08/2022

Type of employment: part time

Koforidua Technical University, Ghana

Adweso, Adjacent New Juaben Secondary School

**Koforidua, Eastern Region, Ghana,**

* Assess academic performance in the light of previous achievement to enhance the value-added results of all students.
* Mark, monitor and return work within a reasonable and agreed time span providing constructive.

oral and or written feedback that clearly indicates strategies for improvement – as such that.

students are very clear as to how to move specifically to the next grade/level.

* Assess and record students’ progress systematically and keep records to check work is understood.

and completed, monitor strengths and weaknesses, inform planning, and recognise the grade/level.

at which the student is achieving.

* Assess how well learning outcomes have been achieved and use them to improve specific aspects.

of learning and teaching.

* Delivered lectures to students.
* Marking of all class assignments and other examinations
* Supervision of students' project works.
* Participation of other academic functions of the university
* Participating in research committee

IT/Business Management Senior Lecturer **15/** 01/2018 to 28/08/2022

Type of employment: part time

Strategic Business School, Lagos, Nigeria

19, Sylvia Crescent, Opposite Atlanta Bar, Anthony Bus-Stop, Anthony Village, Lagos-Nigeria

* Delivered lectures to students.
* Conducting assignments, mid semester, and end of semester exams
* Marking assignments and exam scripts
* Provide regular update of Virtual Learning Environment (VLE) and e-learning portals with current industry based and students focus lecture materials.
* Undertake such other duties as reasonably required by the head of department.
* Complete formal reports on students according to the university reporting systems
* Keep full attendance records and send class attendance data promptly.
* Play a co-operative and supportive role within curriculum areas and the university.

the sharing of good practice and mentoring/coaching activities for less experienced staff where this

is appropriate.

* Participate in university quality assurance and self-assessment systems, including the use of student.

focus groups, lesson observation, peer observation, learning walks, work scrutiny, internal.

inspections and the university line management system.

* Supervision of students’ theses and dissertations
* Research and development.
* Assist in students’ admission and staff recruitment.
* Support the university in internally generated revenues through recruitment and onsite training for corporate organisations

IT / Business Management Lecturer **05**/01/2015 to 31/12/2017

Type of employment: part time

Strategic Business School, Lagos, Nigeria

19, Sylvia Crescent, Opposite Atlanta Bar, Anthony Bus-Stop, Anthony Village, Lagos-Nigeria

* Delivered lectures to students.
* Provide regular update of Virtual Learning Environment (VLE) and e-learning portals with current industry based and students focus lecture materials.
* Conducted continuous assessments, seminars, and term paper evaluation.
* Marked all class assignments and other examinations.
* Supervision of students' project works.
* Virtual attendance and participation of other academic functions of the university

Project Management Lecturer **04/** 01/2014 to 31/12/2014

**Type of employment: part time**

**Kwame Nkrumah University of Science and Technology, Ghana**

**Tamale Distant Learning Centre**

**Tamale, Northern Region, Ghana**

* Delivered lectures to students.
* Conducted continuous assessments.
* Participated in other academic functions of the university.

Management Information System Lecturer **05/** 01/2012 to 31/ 12/2014

Type of employment: part time

University of Cape Coast, Ghana

Tamale Distant Learning Centre

Tamale Technical University, Tamale

Norther Region, Ghana

* Delivered lectures to students.
* Conducted continuous assessments.

Computer Science Assistant Lecturer and Programmer 07/ 03/1994 to 30/ 12/1995

Type of employment: full time

Benson Idahosa University, Nigeria

Ugbor Road, Benin City, Edo State, Nigeria

* Delivered lectures to students.
* Conducted exams and marked scripts.
* Conducted continuous assessments.

INDUSTRY EXPERIENCE

Senior Cybersecurity and Network Manager **03**/ 02/2022 to 28/08/2022

Digital Core Tech. Limited, Ghana

Off Kumasi Road, Tamale, Northern Region, Ghana

* Monitoring the network traffic for any malicious events and carrying out incident investigation.
* Reviewing logs on daily basis and performing escalation in accordance with the best practices.
* Identifying and performing vulnerability assessment and remediating such issues before any threat agents exploit them.
* Vulnerability and threat management
* Installing, configuring and Operating Security Software to shield against any intrusions into company network.
* Training staff on cyber security and cyber forensics for enhancement of productivity.
* Ensuring policies, cyber security frameworks and standards are complied with.
* Preparing reports of all activities perform and execute any other assigned responsibilities by my superior.
* Install and Configure routers, switches, Add and Drop Multiplexer (ADM), Dense wavelength division multiplexing (DWDM)
* Provide Technical Assistance to Engineers on site and remotely.
* Updates data servers and network equipment
* Design and implement LAN, WAN and SDWAN
* Collaborates with vendors on network optimization.
* Secures network system by establishing and enforcing policies and defining and monitoring access.
* Establishes and maintains network performance.
* Troubleshoots network problems and carry out maintenance.
* IP address auditing
* Establishes networking environment by designing system configuration and directing system installation.
* Define, documents, and enforces system standards.
* Maximizes performance by troubleshooting network problems and outages and scheduling upgrades.
* Work with a team on an out-of-hours on-call support.
* Systems resources monitoring such as processors status, disks and processors utilization.
* Detection and remediation of malicious codes running as legitimate processes.
* Monitoring the network for unexpected bandwidth usage and spike and taking action to stop the event.
* Identifying and resolving any malicious scheduled tasks in the network
* Detecting and fixing any memory leakages and memory overflow
* Detecting and fixing any authorise access to the company network.
* Design and implementation of VLAN
* Develop and refine best practice.

Regional Technical Head **10**/ 01/2012 to 03/02/2022

Glo Mobile Ghana Ltd, Ghana

Tamale Technical University Road

Tamale, Northern Region, Ghana

* Conducting Data Loss Prevention activities on the network
* Carrying out deployment of security patches on the network equipment such as Add and Drop Multiplexer, Dense Wavelength-Division Multiplexing (DWDM), Routers
* Conducting security compliance assessment
* Operations and maintenance of 2G, 3G and 4G network equipment both transmission, access and core networks
* Preparing training and development opportunities to meet team members current and future learning needs, evaluating outcomes, and putting learning into practice.
* Trained staff on cyber security operations
* Supervision of LTE(4G) equipment installation, configurations, commissioning, and PAT
* Supervised the designed and development of automated telecom network web apps
* Administered installation of Backbone Microwave Radios between KOF002 and SAM001 for KOF002 BSC and RNC protection.
* Facilitated installation and integration of PDH/SDH Radios, Media Gateway, Core Servers, HLR, ADM, DWDM, BSC.
* Operations and maintenance of telecom network
* Support in the selection of cost-effective security controls to mitigate risk such as protection of company data, systems and network devices.
* Design and develop strategies to identify, manage, and mitigate identified threats and vulnerabilities before it could cause a risk in the company infrastructure.
* Accurate and timely release of vulnerability metrics
* Investigate and research new and emerging vulnerabilities and take part in external security communities.
* Performed vulnerability and patch management activities.
* Maintain an ongoing development of current threat intelligence and vulnerability analysis with an in-depth knowledge of identification, mitigation, and recovery strategies.
* Perform network troubleshooting and resolutions!
* Planning and conducting internal audits in relation to quality, information security and data protection, producing clear and actionable findings and supporting business teams to implement these actions.
* Attending management meetings
* Review and analysis of firewalls, management of, ZTE, Huawei and Cisco network equipment, network traffic analysis, vulnerability management and scanning, attack methods and infection vectors, risk assessments, penetration testing.
* Software tools in carrying the IT security activities and network equipment operations and maintenance equipment managed are listed on my personal profile statement.

Telecom Core Network Manager 07/01/2011-31/12/2011

Glo Mobile Ghana Limited

Spintex Road, Accra, Greater Accra Region, Ghana

**Responsibilities**

* Work with and communicate progress report to Head of Core Network

• Manages planned and unplanned Changes

• Identifies resources needed and assigns individual responsibilities.

• Manages day-to-day operational aspects of a project and operations

• Coordinate and supervise the installations of all Huawei LTE(4G) nodes as trial test

• Ensuring that the installed LTE hardware and software are in conformance with the 3GPP LTE technical specifications

• Commissioning of LTE nodes: MME, S-GW,P-GW, HSS, eNodeB

• Acceptance Performance Test on all the LTE hardware and Software

• Preparation and presentation of project status and progress reports to management.

• UE commissioning

• NAS protocol test between UE and MME

• IP protocol test between UE and S-GW

• UE conformance test to ensure it complies with the 3GPP LTE technical specifications

• Integration of the LTE nodes to other Networks

• Attach test between MME and HSS

• Attach test between MME and UE

• Supervised the installation of clock cables for Media Gateway (MGW21 and MGW22)

• Coordinated the configuration of synchronization signals (both primary and secondary) between Media Gateway (MGW21 and MGW22) and Alcatel Lucent ADM via E1 and STM1.

• CME (Configuration Management Entity) installation in M4000

• Cooperate with UE attach issue

• Verification of the services between EPC and eNodeB

• Using Packet Internet Groper to test the physical and logical connectivity between Local terminal and MME

• Using Packet Internet Groper tool to test the physical and logical connectivity between the Local terminal and S-GW

• UE Verification of signaling messages

• Verification of Software configurations

• EPS Bearer activation procedure

• QoS Bearer establishment between UE and S-GW and btw UE and G-GW

• Activation of service context between MME and UGW

• Uplink data transfer rate test between FTP Server and UE

• Downlink data transfer rate test between FTP server and UE

• Latency test between FTP Server and UE

Telecom Switch Manager 18/04/2005-31/ 12/2010

Globacom Nigeria Ltd., Nigeria

**25 Saka Tinubu Road**

**Victoria Island**

**Lagos, Nigeria**

**Responsibilities**

* Inter MSC connectivity.

• Interconnectivity with other PLMN and PTO

• Maintenance of Core Network Nodes (SSP, VLR/RCP,HLR/AUC,SGSN,GGSN,DAM)

• Carry out signaling messages analyses on PCM/E1 with the use of protocol analyzer

• Carry out acceptance tests (with Alcatel NSS Engineers) on all network elements (SSP, RCP, HLR/AUC, SMIMS, IP/ DAM, SCP, SGSN, GGSN, SMS), during integration of a new MSC or network elements onto the PLMN

• Collection of voice and signaling traffic on daily basis

Telecom Switch Supervisor 11/10/2004-05/03/2005

Mobitel Limited, Lagos Nigeria:

No. 6 Adeola Odeku Street, Victoria Island, Lagos, Nigeria

**Responsibilities**

• Operations and Maintenance of switch equipment

• Creation and modifications of subscriber data

• Backup of subscriber data

• Termination of E1 on the DDF

• Providing on site first level corrective maintenance activities on switch equipment

• Providing support in troubleshooting of computer problems

• Overseeing the proper storage of all company data and archiving of records and back ups

• Ensuring smooth and efficient running of all IT systems in the organization

• Communicating with top management in regard to IT related issues

• Ensuring that the standard local licensing requirements are met and fulfilled

• N7 Network Commissioning and upgrade: E1 Trunks

• Hardware and Software acceptance test

Head of Network Operations and Maintenance 05/01/2004-30/09/2004.

Peace Global Satellite Comm. Ltd., Lagos, Nigeria: .

Omole Estate

Ikeja, Lagos State, Nigeria

**Responsibilities**

• Operations and Maintenance of SI2000 ISKRATEL switch equipment

• Creation and modifications of subscriber database

• Provide high level maintenance support and ensure all network availability and pre-set targets are met and improve upon.

• Interconnecting with other P.T.O

• Ensure the continuous and consistent integrity of the Billing, Financial, Administration support, and call data related systems by implementing suitable security and business process controls.

• Clearing of Alarms and loop back test

• Configuration of SS7, ISDN and V5.2 Signaling Systems.

• Maintenance of MDF and DDF

• Programming of E1 lines for Subscribers

PC and Network Support Engineer (Customer Engineer) 15/01/2000-30/12/2003

Tranter International Ltd

(Seconded to Shell Petroleum Development Company of Nigeria Limited

Edgeba, Airport Road

Warri, Delta State, Nigeria

**Responsibilities**

* LAN/WAN installations and Maintenance

• DHCP Server installations and configurations

• DNS configurations and installations

• Routers and Switch installations and configurations

• PC and Software support

• Help Desk support

• IP Networks

• Technical maintenance

• Manage the deployment of IS facilities (i.e desktops, UPS, laptops, provision services points, etc.)

• Ensure accurate records of all IS fixed assets including software licenses.

• Installations and maintenance of structure cabling for the company.

PC Support and Bulk Teller 24/03/1999-31/12/1999

Standard Trust Bank Ltd (Merged with United Bank for Africa)

Okumagba Avenue

Warri, Delta State

**Responsibilities**

• Systems maintenance

• Bulk Tellery

• Stock and inventory control management

• Clearing of Cheques

• Funds Transfer

**CORE COMPETENCIES**

|  |  |
| --- | --- |
| * Collaborative * Creative and innovative * Taking initiative and self-motivated * Initiative | * Interpersonal relationship * Ability to work under pressure and deadline-driven * Communication * Leadership |

**QUALIFICATIONS OBTAINED FROM UNIVERSITIES**

* PhD Business Administration with specialization in Data Security Management from

Universidad Empresarial de Costa Rica, San Jose, Costa Rica

with overall score of 70 (Distinction) 18/07/20-10/12/23

* M.Sc. IT (Cyber Security specialisation) with B grade from Sikkim Manipal

University, Accra, Ghana 10/ 01/ 14- 30/05/16

* PhD Data Communication and Networking with Distinction grade from

European-American University, Bunyoro-Kitara, Western Uganda 08/01/10-28/08/14

* Master Business Administration (MBA) with C grade from

Ladoke Akintola University of Technology, Ogbomosho, Nigeria 10/ 10/99-10/07/02

* B.Sc. (Hons) in Computer Sc**.** with2:1. (Second Class Upper) from

University of Benin, Nigeria 10/ 11/ 95-30/12/98

* Diploma Data Processing with credit from University of Benin, Benin City, Nigeria 15/ 11/92-30/03/94

**QUALIFICATIONS OBTAINED FROM OTHER INSTITUTIONS**

* Certificate in Statistical Package for Social Science & Applied Techniques from

Ghana Technology University College, Ghana 24/06/19-28/06/2019.

* Certificate in Alcatel 900/1800 Network Switching System (NSS)

Operations and Maintenance Level 1 from Alcatel University, Lannion France 17/07/06-18/08/06

* Certificate in ALCATEL 1000 MM E10 Operations & Maintenance Level 1

from Alcatel University, France 19/06/06-13/07/06

* Higher Tech. Diploma in Electrical/Electronic Engineering Tech. with Merit grade from

Open Cast Polytechnics, Nigeria 12/01/1998-30/12/99

* Higher Diploma in Accounting with Distinction grade from Shaka Polytechnic formerly Nigerian Institute

Of Computer Science and Professional Studies, Nigeria. 05/01/1996-30/12/ 98

* Executive Master Certificate in Information System

Security from Grem Telecom Academy, Ghana 05/06/2018-21/12/2018

* Certificate in Practical French Language from Grace Polytechnic

Consultancy, Lagos Nigeria 01/07/07-27/02/08

* Executive master’s Certificate in project management from British

Project Management College, UK 07/03/2007-30/ 11/2007

**QUALIFICATIONS OBTAINED FROM SECONDARY SCHOOL**

* Senior School Certificate Examination (SSCE), School of Basic and Remedial Studies,

Institute of Continuing Education, Benin City, Edo State, Nigeria 01/1984-06/1988

* West African Examinations Council

General Certificate of Education Ordinary Level 06/ 1990

**PROFESSIONAL AND CAREER CERTIFICATES**

* SOC Analyst (Blue Team) at Inforsec4TC, UAE-10/10/2023-22/02/2024
* Certified Information Security Auditor (CISA) at Inforsec4TC, UAE-12/01/2024-25/03/2024
* Certified Information Systems Security (CISSP) at Inforsec4TC, UAE-20/12/2023-20/03/2024
* CompTIA Security + at Inforsec4TC, UAE-10/11/2023-20/03/2024
* Certificate in Roles and Responsibilities of Lead Internal Verifier by Pearson- 11/12/2023
* Data Protection course on the Compliance Passport by Activate Learning- 03/08/2023.
* Level 1: Introduction to Safeguarding by Activate Learning-18/07/2023.
* Prevent Channel or Prevent Multi-Agency Panel (PMAP) course by Activate Learning -17/07/2023.
* Prevent awareness course by Activate Learning- 16/07/2023.
* Prevent referrals course by Activate Learning- 16/07/2023.
* Introduction to Adverse Childhood Experiences (ACEs) and Early Trauma by Activate Learning-15/07/2023.
* Data Protection Essentials for Teaching Staff module 1 by Ashton Community Science College-05/07/2023
* Data Protection Essentials for Teaching Staff module 2 by Ashton Community Science College-05/07/2023
* Cyber Security Professional by Edureka, India - 01/10/2022-31/05/2023
* Health and Social Care certificate by Caredemy UK- 13/01/2023
* Certificate in Optical Fiber by Bahsec Company Limited, Ghana-09/07/2011
* Cisco Certified Network Associate by Cisco Academy USA- 01/07/2009-28/01/2010
* Certificate in Advance Telecommunications by The Executive Cyberschuul, Nigeria- 18/11/2005
* Microsoft Certified Professional by Microsoft Corporation USA -01/02/2001-20/08/2001
* Certificate in Health, Safety and Environment (HSE) by NISP, Nigeria- 10/05/2001

**AWARD /INVENTION AND OTHER ACHIEVEMENTS**

* Best graduating student award, PhD Data Communication and Networking from European American University, Bunyoro-Kitara, Uganda, 2014
* Best graduating student award, M.Sc. IT (Cyber Security specialization) from SMU University, Ghana, 2016
* Employee of the year award, for your cybersecurity and networking contributions to the company in 2022, Digital Core Tech. Ltd Ghana
* I made distinction in PhD Business Administration from Universidad Empresarial de Costa Rica, San Jose, Costa Rica
* Award letter and Salary increase for writing a Telecom Networking Switching System for Globacom Nigeria Ltd
* I invented a special computer unit which was my undergraduate project and it was published in a Nigeria national newspaper, observer dated 14th March 1999 with the title “ a young Nigerian invented a special computer unit”.
* Letter of recognition for conducting free cyber security training on the applications of cyber security and cyber forensics for staff of Flexcrete Technologies Limited, Leyland, UK
* Award certificate for presenting papers in Project Management Institute Ghana Chapter Workshop on 29th October 2023
* Award certificate for presenting papers in international conference at 4th International Conference on Management, Communication & Technology (ICMCT-2016) at Academic City College, Accra, Ghana on May 30th -31st 2016.
* Letter of recognition for conducting training on Threat and Vulnerability Management at ECG Jesus Nation Church, Ghana between 1st September and 30th November 2022.
* Published over 30 articles on cyber security, cyber forensics, and networking on international journals.

**PROFESSIONAL AND INTERNATIONAL AFFILIATIONS**

* Member, British Computer Society with Membership number: 995139752 27/11/ 2023-date
* Chartered Fellow, Chartered Institute of Strategic Managers and Leaders

License number: CISML/NA-USA/CP-CF/G1000302/2020 20/08/2020-date

* Member, Information Systems Audit and Control Association with Membership No. 1715521 14/02/24-date
* International Eminent Peace Ambassador with membership number UN/REG/NIG/3432
* Global SDGs Advocate Special Chartered Membership Award UN SDGs (Global Goals Volunteer)
* Member, Association for Computing Machinery with membership No. 4781956 30/03/24-date

**Membership of International Journals AS Reviewer and Editorial Member**

1. Editorial board member, Universal Journal of Computer Sciences and Communications.

<https://www.scipublications.com/journal/index.php/ujcsc/editors>

1. Editorial board member, PLOS One. <https://journals.plos.org/plosone/static/editorial-board>?
2. Editorial board member, International Journal of Social Sciences & Economic Environment.

<https://acadres.org/journal?title=IJSSEE&tab=editorial-board>

1. Reviewer, Journal of Computer Science, Science Publications. <https://thescipub.com>
2. Reviewer, American Journal of Electrical and Computer Engineering. <http://www.ajece.org/reviewers>

**PAPERS PRESENTED IN THE WORKSHOPS AND**

**INTERNATIONAL CONFERENCE**

* Effective Cyber Security Risk Management and Digital Forensics Methodology in IT Projects at Project Management Institute Ghana Chapter Workshop on 29th October 2023
* Application of Cyber Security and Cyber Forensics at Flexcrete Technologies Ltd, Preston, UKWorkshop on 28th September 2022.
* Continuous Process Improvement of Mobile Communication from 1G to 4G at 4th International Conference on Management, Communication & Technology (ICMCT-2016) at Academic City College, Accra, Ghana on May 30th -31st 2016.

**NON-TEACHING AND ADMINISTRATIVE DUTIES**

* Provide intervention and academic skills for students to enhance their learning and academic performance.
* Participate in students’ enrollment.
* Working with Assessors and Internal Verifiers to agree on an assessment, and verification plans for all cohorts from the start of the programme and ensuring that it is fit for purpose and meets regulatory requirements before signing it off.
* Act as the point of accountability for the quality assurance and standard of the programmes
* Managing assessments and internal verification of units or components and qualifications.
* Give approval for a single resubmission to allow learners to meet the assessment criteria.
* Support and promote positive behaviour among students.
* Taking active in corporate social responsibilities
* Involved in educational trips that inspire students and support their learning & development.
* Research and development.
* Support in curriculum development and change management.

**RESEARCH INTEREST**

My research interest includes the following:

* Cyber security
* Cyber Forensics
* IoT
* Artificial intelligence
* Machine Learning
* Nobile Communications
* Networking

**HISTORY OF PUBLICATIONS**

* + - 1. Ehigiator I. Egho-Promise, Joseph U.Meshach and Satya Vir Singh.

Continuous Process Improvement of Mobile Communication from 1G to 4G*.*

*International Conference On Management, Communication and Technology (ICMCT), volume l* (4), 13-25.

<https://www.ijictm.org/submission-8.php>

<https://www.ijictm.org/pdf/folder-1/2016-09-14-06-44-39.pdf>

* + - 1. Ehigiator I. Egho-Promise,Kwadwo Fosu Appiah and Asante, G.

Data Security Issues in Corporate Environment. *Digital Innovations & Contemporary Research in Science and Engineering Journal*, volume 5(2), 63-78.

<https://www.isteams.net/digitaljournal2017>

<https://www.isteams.net/_files/ugd/185b0a_a1006e8f5ebb499c890ab08e28d3230c.pdf>

* + - 1. Bamidele Ola and Ehigiator I. Egho-Promise.

Cybersecurity Threat Modelling: A Case Study of An Ecommerce Platform Migration to the Public Cloud. *EJECE, European Journal of Electrical Engineering and Computer Science, Volume* (4), 1-7. doi: <http://dx.doi.org/10.24018/ejece.2020.4.4.237>

* + - 1. Ehigiator I. Egho-Promise, Bamidele Ola and Emmanuel Opoku Sarkodie

A Cyber Forensics Study of ATM Data Traffic. *International Journal of Innovative Research in Information Security, volume 7*(7), 69-75.

Doi: <https://doi.org/10.26562/ijiris.2020.v0707.001>

<http://www.ijiris.com/volume-7-issue-7>

* + - 1. Ehigiator I. Egho-Promise, Bamidele Ola, Aaron Arhin and Richard Asuming

A Forensic Analysis of WhatsApp on Android Smart Phone. *International Research Journal of Computer Science, volume 7*(8), 209-219.

DOI: <https://doi.org/10.26562/irjcs.2020.v0708.001>

* + - 1. Ehigiator I. Egho-Promise and Isaac Quarshie

Network Forensic Evaluation of Privacy Browsers. International Journal of Computer Techniques, volume 7(4), 1-13.

<http://www.ijctjournal.org/archives/volume7-issue4.html>

<http://www.ijctjournal.org/archives/ijct-v7i4p5.pdf>

* + - 1. Ehigiator I. Egho-Promise and Mensah Sitti

Big Data Security Management in Digital Environment. *American Journal of Multidisciplinary Research & Development, volume 06*(02), 1-34.

<https://www.ajmrd.com/vol-6-issue-2/>

* + - 1. Ehigiator I. Egho-Promise, Richard Antwi Birikorang, Janet Acquah, Jephter Kankam and Emmanuel

Akomeah Arhin

Automated Cyberbullying Detection and Prevention System*. International Journal of Innovative Science and Research Technology, volume 5*(8), 1176-1179.

<https://DOI.org/10.38124/IJISRT20AUG746>

* + - 1. Ehigiator I. Egho-Promise, Bamidele Ola and Bright- Edujih Kuleke

Securing Lecture Hall Key System Using RFID Technology. *American Journal of Multidisciplinary Research & Development, volume 3*(01),1-7.

<https://www.ajmrd.com/vol-3-issue-1/>

* + - 1. Ehigiator I. Egho-Promise and Amankwah Stephen.

Design and Implementation of VLANs WITH Circuit Group: A Case Study of Hohoe Municipal Hospital*. International Journal of Innovative Research in Science, Engineering and Technology, Volume 9*(8), 7554-7560.

<https://www.ijirset.com/upload/2020/august/4_DESIGN_NC.PDF>

1. Ehigiator I. Egho-Promise , George Asante and Raymond Owusu Agyei,

The Impact of Cloud Computing in Developing Countries: A Case Study of Ghana. *AIMS journal, vol. 2*(4), 1-16.

<https://fcc08321-8158-469b-b54d-f591e0bd3df4.filesusr.com/ugd/185b0a_56c346cbff0647019112b725bb764fbb.pdf>

1. Ehigiator I. Egho-Promise, Isaac Owusu Amoako, Jonathan Tamakloe,

Bamidele Ola.

An Android mobile app for highlighting security vulnerabilities in WhatsApp. International Journal of Innovative Research in Computer and Communication Engineering, Volume 8(5), 1831-1839.

<https://www.ijircce.com/get-current-issue.php?key=MTAz>

<https://ijircce.com/admin/main/storage/app/pdf/DK8iIfbJ0CEL8CjXmBOKs8upWY3zd8LmIHnMQNYb.pdf>

1. Ehigiator I. Egho-Promise,Nkrumah P.,Adjei Twumasi C.,Sododzie G. and

Senyo B.

Automation of Fuel Tank Level Monitoring and Measurement. *International Journal of Engineering Science and Invention, volume 9*(8),43-49.

<http://www.ijesi.org/v9i8.html>

<https://www.ijesi.org/papers/Vol(9)i8/Ser-1/F0908014349.pdf>

1. Ehigiator I. Egho-Promise, Michael Ofosu-Appiah, Sandra Osei Somuah

and Sarah Asabea Addo.

Online Gas (LPG) Booking System: A Case Study of LPG Stations in Ghana. *International Journal of Scientific Research & Engineering Trends, volume 6*(4), 2623-2626. <https://ijsret.com/wp-content/uploads/2020/07/IJSRET_V6_issue4_604.pdf>

<https://ijsret.com/2020/07/10/ijsret-volume-6-issue-4-july-aug-2020/>

1. Ehigiator I. Egho-Promise, Isaac Kwame Eviwu, Emmanuel Siaw, Evans Narh

and Dorcas Appiah.

Water Digital Meter Using Mobile Phone: A Case Study Of Ghana

Water Company Limited. *International Journal of Innovative Research and Advanced Studies, volume 7*(7), 186-191.

<http://www.ijiras.com/2020/Vol_7-Issue_7/paper_25.pdf>

1. Ehigiator I. Egho-Promise and Bamidele Ola.

Automated Telecom Network Information System: A Case Study of Glo Mobile Ghana Limited. *Global Scientific Journals, volume 8*(7), 2443-2455.

<http://www.globalscientificjournal.com/researchpaper/AUTOMATED_TELECOM_NETWORK_INFORMATION_SYSTEM_A_CASE_STUDY_OF_GLO_MOBILE_GHANA_LIMITED.pdf>

1. Ehigiator I. Egho-Promise and Nayan Simon N-Yemawan

Techniques for Detecting Fake Images in Multimedia. *International Research Journal of Modernization in Engineering Technology and Science, volume 2*(8), 820-823.

<https://www.irjmets.com/pastvolumeissue.php?p=0&keywor=TECHNIQUES+FOR+DETECTING+FAKE+IMAGES+IN+MULTIMEDIA>

18. Ehigiator I. Egho-Promise, Stephen and Ola Bamidele.

E-Agriculture Management System :A Case Study of Aflao Ketu South Municipality in Ghana. *Quest Journals Journal of Software Engineering and Simulation, volume 6(*1), 38-49.

<https://www.questjournals.org/jses/v6-i1.html>

<http://www.questjournals.org/jses/papers/Vol6-issue-1/E06013849.pdf>

19. Ehigiator I. Egho-Promise , Finu C. P. , Kponyo D. and Amankwah J.

E-Telecommunication Information System*. International Journal of Research -GRANTHAALAYAH, volume 8*(8), 403-412. Doi: <https://doi.org/10.29121/granthaalayah.v8.i8.2020.1181>

20. Ehigiator I. Egho-Promise and Bamidele Ola

Digitalize Power System in Telecommunication Network Environment: A case study of Telecom companies in Ghana. *International Journal of Computer Science and Technology, volume 11*(3), 20-24.

<http://www.ijcst.com/vol11/issue3/3-dr-egho-promise-ehigiator-Iyobor.pdf>

21. Ehigiator I. Egho-Promise , Bamidele Ola and Nii Armar Adjaidoo

Computerized Telecom Network Spare Parts Management System. *International Journal of Engineering Sciences & Research Technology, volume 9* (9), 99-107.

<https://www.ijesrt.com/Old_IJESRT/September-2020.html>

<https://www.ijesrt.com/Old_IJESRT/issues%20pdf%20file/Archive-2020/September-2020/11.pdf>

22. Ehigiator I. Egho-Promise and Bamidele Ola.

Automated Mobile Telecom Cell Site System*. European Journal of Engineering Research and Science, volume 5*(10), 1-6.

<https://www.ej-eng.org/index.php/ejeng/article/view/2167>

<https://www.ej-eng.org/index.php/ejeng/article/view/2167/942>

23. Ehigiator I. Egho-Promise, Mensah Sitt, Nasiru HutchfuL and

William Akotam Agangiba.

IoT-Enhanced Weather Monitoring System: Affordable Hardware Solution for

Real-Time Data Collection, Storage, And Predictive Analysis. *European Journal of Computer Science and Information Technology*, *volume 12*(1), 43-56.

<https://eajournals.org/ejcsit/>

https://eajournals.org/ejcsit/wp-content/uploads/sites/21/2024/01/IOT-Enhanced.pdf

24. Mensah Sitti, Ehigiator I. Egho-Promise, Nivash Thirunavukarasu and Jesse Adjei-Asare.

Towards Sustainable Agriculture Management: IoT-Enabled Greenhouse Monitoring and Regulation System for Year-Round Crop Cultivation. *London Journal of Research in Science: Natural and Forma,* *volume 24*(3), 1-9.

<https://journalspress.com/LJRS_Volume24/Towards-Sustainable-Agriculture-Management-IoT-Enabled-Greenhouse-Monitoring-and-Regulation-System-for-Year-Round-Crop-Cultivation.pdf>

25. Ehigiator I. Egho-Promise and Mensah Sitti

Web Framework Content Based Filtering for Picture Sharing.

*Computing, Information Systems, Development Informatics & Allied Research Journal, volume 15*(1), 29-46.

<https://doi.org/10.22624/AIMS/CISDI/V15N1P3>

26. Lyada Emmanuel, Ehigiator I. Egho-Promise, John K. Alhassan, Mustapha Aminu Bagwa

Copyright Content User Licensing Model for Collective management Organizations in Uganda. *Journal of Behavioral Informatics Digital Humanities and Development Research, volume 9*(3), 17-40.

<https://doi.org/10.22624/AIMS/BHI/V10N1P2>

27. Ehigiator I. Egho-Promise, Sunday Idahosa, George Asante and Augusta Okungbawa.

Digital Forensic Investigation Standards in Cloud Computing. *Universal Journals of Computer Sciences and Communications, volume 3*(1), 1-23.

<https://doi.org/10.31586/ujcsc.2024.923>

28. Lyada Emmanuel, Ehigiator I. Egho-Promise, Francis Kemausuor and Kageni Peter

Utilization of Intellectual Property systems as a tool to promote innovation in Uganda’s public academic

institutions: A case study of Makerere and Kyambogo universities*. International Journal of Innovation*

*Scientific Research and Review, volume 6*(4), 6218—6226.

<https://www.journalijisr.com/issue/utilization-intellectual-property-systems-tool-promote-innovation-uganda%E2%80%99s-public-academic>

[**http://journalijisr.com/ current-issue**](http://journalijisr.com/current-issue)

29. Ehigiator I. Egho-Promise, Emmanuel Lyada, George Asanre and Folayo Aina,

Towards Improved Vulnerability Management in Digital Environment: A comprehensive Framework for

Cybersecurity Enhancement. *International Research Journal of Computer Science. volume 11*(5), 441-449. <https://doi.org/10.26562/irjcs.2024.v1105.01>

30. Hewa Balisane, Ehigiator I. Egho-Promise, Emmanuel Lyada and Folayo Aina

Towards Improved Threat Mitigation in Digital Environments: A Comprehensive Framework for

Cybersecurity Enhancement. *International Journal of Research –GRANTHAALAYAH, volume 12*(5),108-123.

[*https://doi.org/10.29121/granthaalayah.v12.i5.2024.5655*](https://doi.org/10.29121/granthaalayah.v12.i5.2024.5655)

31. Hewa Balisane, Ehigiator I. Egho-Promise, Emmanuel Lyada , Folayo Aina, Abimbola Sangodoyin and

Halima Kure

The Effectiveness of a Comprehensive threat Mitigation Framework in Networking: A Multi-Layered Approach to Cyber Security. International Research Journal of Computer Science, volume 11(6), 529-538.

<https://doi.org/10.26562/irjcs.2024.v1106.03>

32. Smile Dzisi, Ehigiator Egho-Promise, Bamidele Ola & Ewere Uche Airhihen

Computerised Record Keeping System in Small and Medium Scale Enterprise. *Journal of Behavioral Informatics Digital Humanities & Development Research, Vol 8*(4), 45-62.

<https://www.isteams.net/behavioralinformaticsjournal>

**ACCEPTED PAPER IN A BOOK CHAPTER**

1. Osahon Egho-Promise. Ehigiator Iyobor Egho-Promise, Hewa Balisane, and George Asante(2024).

Securing Health: The Convergence of AI and Cybersecurity in Healthcare. In Taylor and Francis Group (Eds.), *Impact of GDPR on Health Care Data Security Practices.*

**CURRENT RESEARCH AND SUBMITTED MANUSCRIPTS FOR PUBLICATION IN INTERNATIONAL JOURNALS**

1. Ehigiator Iyobor Egho-Promise, George Asante and Hewa Balisane

Cybersecurity Implications of 5G Networks: Threats, Potential Vulnerabilities, and Their Implications for National Security and Privacy.

2. Ehigiator Iyobor Egho-Promise, Hewa Balisane

Enhancing Secure Routing Protocols for Resilient Network Communications

3. Ehigiator Egho-Promise, George Asanteb, Hewa Balisane, Abimbola Sangodoyin

Blockchain Technology for Healthcare Data Security and Privacy

4. Ehigiator Egho-Promise, George Asante, Hewa Balisane, Folayo Aina, Halima Kure, Emmanuel Lyada

Protecting Privacy in AI and Machine Learning Application

5. Ehigiator Egho-Promise, Hewa Balisane

Leverage Artificial Intelligence for Predictive Cybersecurity: Enhancing Threat Forecasting

and Vulnerability Management.

6. Ehigiator Iyobor Egho-Promise, Bamidele Ola, George Asante and Hewa Balisane.

The Evolution and Mitigation of Ransomware: Techniques, Tactics and Response Strategies:

**References**

* References to be provided on request.