ALPHONCE ODHIAMBO

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Summary

Dedicated and results-driven Network and Infrastructure Services Engineer with a proven track record of 7 years in Computer Networking, Technology advocacy, and ICT training. Passionate about leveraging knowledge as a catalyst for societal change, with expertise in community networks, software development, and design thinking methodologies. A dedicated leader in the Internet space, recognized for championing Internet governance, digital sovereignty, and inclusivity

Experience

PRESIDENT | 02/2023 - Current
Internet Society Kenya

- Leading the chapter as President, previously serving as Vice President.
- Working on initiatives promoting an open, secure, and trustworthy internet.
- Recognized as the Internet Champion of the year 2023 by the Internet Society.

EARLY CAREER FELLOWSHIP MENTOR | 03/2023 - 05/2023

Internet Society Foundation
- I mentored Early Career Fellows in projects that aimed to explore digital opportunities at local and grassroots levels.
- Provided career guidance to mentees by assessing their skills, interests, and experience. Collaborated with other professionals and policymakers to support mentees' needs.

- Planned proactive tutoring and study programs for mentored youth to aid in maintaining research progress.

INSTRUCTOR | 06/2023- 10/2023

AFRALTI - Nairobi, Kenya

- Consulted as an instructor at AFRALTI, training 200 female university students on Spectrum Management.

COMMUNITY NETWORK TRAINER| 03/2021- 11/2023

Association for Progressive Communications (APC)

- Trained over 50 community network engineers on Network Infrastructure and Services.
- Spearheaded the growth of 13 community networks in Kenya and supported numerous others across Africa.
- Advocated for devolved internet access, contributing to digital sovereignty and inclusivity.

ASSISTANT TUTOR | 06/2022 - 10/2023

Internet Society - Nairobi, Kenya

- Conducted tutoring sessions for groups of up to 25 students on Designing and Deploying Computer networks Created supplemental learning materials such as worksheets and flashcards to reinforce topics discussed in class. Implemented technology into lessons wherever possible to increase engagement among students.

- I provided private instruction to individual or small groups of students to improve academic performance and prepare for academic or occupational tests.
- I collaborated with other stakeholders to determine student needs, develop tutoring plans, and assess student progress.

VICE PRESIDENT | 01/2020 - 02/2023

Internet Society Kenya

- I developed and executed strategic plans to support the vision of the organization.
- I provided oversight of all departments to ensure the smooth operation of daily activities.
- I represented the organization at community events and public forums to promote its mission.
- I acted as an ambassador of goodwill for the organization by engaging positively with external parties.

INFORMATION TECHNOLOGY NETWORK ENGINEER | 09/2019 - 02/2023

Tunapanda Institute

- I developed and implemented IT security policies and procedures.
- I created, installed, and maintained computer systems, networks, and applications to ensure optimal performance.
- I configured routers, switches, firewalls, and other networking equipment for secure access to the internet and internal networks.
- I ensured compliance with industry standards regarding information technology infrastructure.
- I designed network configurations incorporating hardware from multiple providers, harmonizing and securing multi-vendor frameworks during installation and beyond.
- I assisted technical managers with new application research and modification suggestions.
- I developed system models using automated tools to analyze performance under various operating conditions.

LEAD NETWORK ENGINEER | 12/2022 - Current

Tanda Community Network - Nairobi, Kenya

- Lead network engineering team in the design and implementation of complex WAN and LAN networks.
- Provide technical leadership to a team of engineers on all aspects of network architecture, design, implementation, and operations.
- Develop strategies for improving network capacity planning, system performance optimization, disaster recovery plans, and security protocols.
- Manage multiple projects simultaneously while providing status updates to stakeholders and senior management. Ensure compliance with applicable standards such as HIPAA and PCI-DSS when designing or modifying networks.

Education and Training

Internet Governance - Virtual | Certifications & Awards

Internet Governance, 11/2022

- Completed professional development in an Advanced cybersecurity course with KENET
- Completed professional development in Network Operations course with Internet Society and AFNOG
- Completed professional development in Internet Governance course with
  Africa School of Internet Governance, Kenya School of Internet Governance,
  Pan-Africa Youth Ambassadors Internet Governance
- Completed professional development in Data Protection by CIPIT
  (Strathmore)

Technical University of Kenya - Bachelor's degree

Computer Systems Networking and Telecommunications | 12/2019

Pesoda Annex Secondary School - Migori | High School | 11/2013

Certifications

- Enterprise Design Thinking Practitioner - IBM Cybersecurity Intro - IBM
- Project Monitoring and Evaluation - Cawi Consultancy
- Certificate on Internet Governance - African School on Internet Governance
  MOOC on Quality Apprenticeships - International Labour Organization
- CIPIT Data Protection Course - CIPIT
- Child Online Protection - The African Advanced Level Telecommunications
  Institute (AFRALTI)

- Certificate in Internet Governance - Kenya School of Internet Governance (KeSIG)
- Advanced Cybersecurity - Kenya Education Network (KENET)

Fellowships and Memberships

- Africa School of Internet Governance Fellow.
- Kenya School of Internet Governance (KeSIG) Fellow.
- Internet Advocacy Assembly Internet Shutdown Academy Ambassador.

Achievements and Projects

- Lead project Coordinator for Connecting the Unconnected Communities in Kibera, Internet Society Funding to TunapandaNET Community Network Project https://www.isocfoundation.org/story/tunapandanet-a-scalable-solution-to-address-global-challenges/
- Assistant Coordinator for Local Access Network Project (LOCNET) in Kenya by the Association for Progressive Communications. https://www.apc.org/en/users/alphonce
- Project Lead - Internet Advocacy Assembly Internet Shutdown Academy Funding to build capacity for refugees against Internet Shutdowns
- Project Lead - Beyond The Net Large Grant by Internet Society to connect the unconnected communities in Kilifi County https://www.isocfoundation.org/project/dunia-moja-network-dmn-2/
- Project Lead - Connectivity grant to Internet Society by 48percent.org to connect the unconnected communities in Ugunja, Siaya County.https://www.48percent.org/projects/kijiji-yeetu-community-network/
- Project Lead - Nyatike connectivity project championed by Gonline Africa https://gonline.africa/goinbox
- ICT Learning Centre Lead - LIFE Legacy project by Paradigm Initiative https://gonline.africa/life-legacy
- Lead Network Engineer – Connecting the Unconnected Refugees in Turkana, Kenya by IEEE Communications Society (ComSoc).

Language

English - Fluent
Kiswahili - Fluent

Referees

Samuel Murekefu,
Gonline Africa
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Mr. Hawi Rapudo,
Secretary General,
Internet Society Kenya Chapter
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