

EVERLEEN NEKESA WANYONYI

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Professional Summary

A devoted and trained IT specialist with over 16 years of experience in hardware repair and maintenance, computer networking, and information security. Possess a wide range of experience in risk assessment, vulnerability management, and incident response. Capable of creating effective security procedures and processes to protect against cyber-attacks. A strong communicator who can work with cross-functional teams to ensure industry standards and regulations compliance.

Skills

- Lecturing (F2F & Online)
- Computer repair and maintenance
- Computer Networking
- Setting, moderation, and grading of university examinations
- Web programming
- Internet and computer help-desk services
- Internal auditing (QMS & ISMS)

Work History

Tutorial Fellow

Murang'a University of Technology (MUT) – Murang'a

- Lecturing over 600 students. Setting, moderating, marking, and processing more than 10 ICT examinations; Supervising and assessing students' projects; Student mentorship and career advisor; Curriculum review and development; Application for grants and proposal writing.

Senior Technician, 10/2015

Maseno University – Kisumu

- In charge of student computer labs at the Kisumu city campus, Network support in the computer labs, Instructing students during practical lessons, Computer and internet support for lecturers at the city campus

E-learning facilitator, 01/2015

Maseno University

- Uploading of assignments for E-learning students, Supporting E-learning students online, Marking assignments online, Online course activation

Part-time lecturer, 01/2014

Jaramogi Oginga Odinga University and Maseno University

- Introduction to computer applications, Design and development of enterprise server farms, Health communication and information systems, Web programming and Development.

Computer technician, 01/2008 to 01/2015

Maseno University

- Repair and maintenance of computers in the computer laboratory, Setting up and maintenance of the network (LAN) in the computer laboratory, Instructing students during practical lessons, Preparation of the computer lab for practical classes , Assisting in computer hardware and software maintenance in other departments within university.

Internet support technician, 01/2007 to 01/2008

Compulynx Nyanza

- Configuration and setup of wireless networks (including wireless Access Points and Routers), Maintenance of existing wireless and cable networks, Installation of LANs, Handling the Internet Helpdesk office.

CCNA Intern, 01/2007 to 01/2008

Maseno University

- Participated in the implementation of a LAN at Maseno City Campus, Participated in the configuration of hosts and setting up of Access points at City Campus.

Computer Operator, 01/2005 to 01/2007

Lake Basin Development Authority

- Assisted in software installation, repair, maintenance, and troubleshooting computers and helped to computerize the organization's data.

Education

PHD in Information Technology Security and Audit: Information Security, 01/2019

Jaramogi Oginga Odinga University of Science and Technology – Bondo (Completed awaiting graduation)

Master's Degree in Information Technology Security and Audit: Information Technology, 01/2018

Jaramogi Oginga Odinga University of Science And Technology - Bondo

Bachelor's Degree in Information Technology: Information Technology, 12/2012

KCA University, Western Campus - Kisumu

Diploma in Computer Studies: Information Technology, 12/2005

Kisumu National Polytechnic - Kisumu

ITE Essentials; Computer repair and maintenance: Information Technology, 01/2009

Maseno University - Kisumu

CCNA 1-2: 10/2008

Maseno University - Maseno

(KCSE) Mean Grade C+ (plus): KNEC, 01/1993

Misikhu Friends, Webuye - Bungoma

Certifications

1. HCIA DATACOM
2. Internal Auditor (QMS & ISMS)
3. Cybersecurity Awareness certification

Professional Bodies

- Information Systems Audit and Control Association (ISACA), 1024978
- Association for Computer Machinery, 6749247

Awards

- Best Student in ICT-2005 at Kisumu Polytechnic
- Best Student CCNA1
- Best student BSc IT at KCA University 2012
- Outstanding Instructor-HUAWEI HCIA

Publications

- Effectiveness-Of-Security-Controls-On-Electronic-Health-Records, <http://www.ijstr.org/final-print/dec2017/Effectiveness-Of-Security-Controls-On-Electronic-Health-Records.pdf>
- A Systematic Review on Machine Learning Insider Threat Detection Models, Datasets and Evaluation Metrics, <https://airconline.com/abstract/ijnsa/v15n6/15623ijnsa03.html>
- A Theory-Based Deep Learning Approach for Insider Threat Detection and Classification, <https://ijcat.com/archieve/volume13/issue10/ijcatr13101004.pdf>

References

Dr. John Ndia Dean, SCIT Murang'a University of Technology Phone No: +254 720048445 E-mail: jndia@mut.ac.ke	Dr. Samuel Omboga Chair of IT Department Maseno University Phone No: +254 714891743 Email: oongesam@gmail.com	Prof. Solomon Ogara Director ICT JOOUST Phone No: +254 733282523 Email: solomon.ogara@gmail.com
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Conferences

- 1st Murang'a University of Technology International Academic Conference, November 2021, Harnessing technology and innovation to address emerging issues
- Kirinyaga University's 6th Annual Virtual International Conference, 22-23 March 2023, Research, Innovation & Technology In Sustainable Development
- Murang'a University of Technology 2nd International Conference, 8-10 November, 2023, Leveraging on Science, Technology and Innovation for Economic Transformation
- Kirinyaga University's 7th Annual Virtual International Conference, 27-28 March 2024, Adaptive Leadership For Societal Development
- Adventist University of Africa, 7th AUA Research Conference, September 18 – 21, 2024, AI in Healthcare, Education, Business, and Research: Embracing a Changing Landscape in Organizations