

# **CURRICULUM VITAE**

## **PERSONAL INFORMATION**

**NAME:** HARUN KARIUKI KAMAU

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## **OBJECTIVES**

- ✓ Dedicated in realizing the achievements of the set goals and objectives by providing transparent and neutral services and enhance conducive, accommodative and peacemaking environment regardless of sex, gender, religion and race.
- ✓ To aggressively incorporate and utilize to the maximum attained skills and knowledge in the field of Information and Communication Technology to meaningfully contribute outstanding developments of my organization at work and my country by innovatively ensuring all things runs as per the organization's mission and vision.
- ✓ Enforce good teamwork at all levels.

## **PERSONAL ATTRIBUTES**

- ✓ Good interpersonal and leadership skills.
- ✓ Outgoing personality.
- ✓ Social team worker.
- ✓ Resilient and having an ability to deal with rejection.
- ✓ Have a competitive attitude and can thrive under pressure.
- ✓ Well organized, eager to learn and pro-active.

## **EDUCATION**

### **Jomo Kenyatta University of Agriculture and Technology**

PhD in Information Technology (2021 to date)

### **Maseno University**

Masters in Computer Science (2014 to 2019)

### **Maseno University**

Computer Science and Technology (2008-2012)

Award: Second Class Honors (Upper Division).

### **Maseno University**

Cisco Networking Academy (2009-2012)

Award: CCNA(1-4)

### **Goshen Academy**

Kenya certificate of secondary Education (2003-2006)

Award: KCSE certificate

**PUBLICATIONS**

Kamau, H., McOyowo, S. & Okoyo, H. (2018). Techniques to Control Memory Hogging by Web Browsers: An in-Depth Review. *International Journal of Computer Applications Technology and Research*, 185-192.

Kamau, H. , McOyowo, S. & Okoyo, H. (2019). An Enhanced Browser Reference Model . *International Journal of Computer Applications Technology and Research*, 299-302.

**ADMINISTRATIVE ROLES**

- ✓ Committee member for Digitalization Committee
- ✓ Committee member for Competence Based Curriculum Implementation
- ✓ Committee member in Enterprise Resource Planning implementation
- ✓ Committee member in Science , Technology and Innovation mainstreaming
- ✓ Examination Coordinator in the School of Pure and Applied Science

**RESEARCH AWARDS**

- ✓ DAAD PhD Scholarship-2021
- ✓ KIEP-SKIES Rapid Skills Program Grant
- ✓ Internal Grant award for improving primary health care in rural areas in Gatundu

**EXPERIENCE****Tutorial Fellow | Mama Ngina University College**

2023 - to date

**Research**

1. **CO-Principal Investigator** : KIEP SKIES Cohort I( April-June 2024)
2. **CO-Principal Investigator** : KIEP SKIES Cohort II( March-June 2025)
3. **CO-Principal Investigator** : Modeling the nutritional value underutilized traditional vegetables in Ng'enda Location( October 2024-June 2025)

**Project Technology Assistant | UON-HealthIT**

2021 - to 2022

**Part-time Lecturer | Maseno University**

2019 - to 2022

**Technologist | Maseno University**

2013 – to 2022.

**Software Developer | Nairobi Javasoft**

2011 –2012.

**Web Developer | ICT Consultants Kenya Ltd**

2012 SEPT- 2013 JAN

**ICT Support | Maseno University**

MAY 2012 - AUG 2012

**TECHNICAL TRAININGS AND WORKSHOPS**

- ✓ The internet of Things(IoT) training at Maseno University by Strathmore University and Motorola Solutions-2021
- ✓ Fundamentals of the Principles of Digital Development and training of trainers at University of Nairobi-2022
- ✓ Electronic library resources blended learning workshop by German Academic Exchange service(DAAD)- 2022
- ✓ Internal Quality Auditor course at Mama Ngina University College-May,2023
- ✓ Blended learning Module Writing Training at Mama Ngina University College-May,2023
- ✓ Embedded systems and cyber security online November,2023
- ✓ Consultative Workshop on Enhancing Innovation Through Research Amongst Academia February, 2024
- ✓ National Workshop on AI/ML organized at the African Institute for Capacity Development (AICAD) at JKUAT on May 2023

**SKILLS**

- ✓ Communication and information delivery.
- ✓ Teamwork management
- ✓ Database management(MYSQL,MSSQL)
- ✓ Computer Programming (JAVA, C#,PHP)
- ✓ Web development (PHP, HTML 5, CSS3, JAVASCRIPT,JOOMLA, BOOTSTRAP).
- ✓ Computer Networking
- ✓ Software development
- ✓ Data analytics
- ✓ Machine learning and AI
- ✓ Instruction Material Design

**ACADEMIC AND SOCIAL WORK AWARDS**

- ✓ Certificate of appreciation for good performance in teaching physics at Goshen academy
- ✓ Certificate of appreciation for excellent performance in computer(Certificate level)
- ✓ Certificate of course completion in computer networking(CCNA 1, CCNA 2, CCNA 3 and CCNA 4)
- ✓ Certificate of course completion for Kenya Red Cross Training.
- ✓ Certificate of service in Peace Unit Program (Maseno Chapter).
- ✓ Certificate of appreciation for attending Open ICT day at Masinde Muliro University.