CURRICULUM VITAE

PERSONAL INFORMATION

NAME	Amwayi Hesbon
CURRENT ADDRESS	Kakamega County, P.O Box 190-50100, kakamega.
HOME ADDRESS	Vihiga County, P.O Box 241-50100, Luanda.
NATIONALITY:	Kenyan.
MARRITAL STATUS	Married.
YEAR OF BIRTH:	
GENDER	Male
EMAIL	hamwayi@mmust.ac.ke, amwayihesbon@gmail.com
LANGUAGE SPOKE	English, Kiswahili, Luhya.
HEIGHT	1.72 Meters
WEIGHT	75Kgs
CONTACTS	

Career Aspiration

To be an exhaustive ICT personnel proficient in programming, networking, Systems security and administration, system maintenance, database administration, Artificial intelligence and cognizant of the emerging technologies

Research Interest

Deep learning and Machine Learning models and algorithms development for Computer vision in security systems.

EDUCATIONAL BACKGROUND

Duration	Institution	Qualification
2018 January to Date (On Going)	Masinde Muliro University of Science and Technology	Masters of Science in information Technology, Thesis title: Application of Computer Vision in

		Security Surveillance Systems.
2013 - 2017	Masinde Muliro University of Science and Technology	Bachelors of Science in Information Technology (Second Class Upper Division)
2009 - 2012	Ebusakami Secondary School	KCSE Certificate (B+, 69 points)
2000-2008	Ebusiralo Secondary School	KCSE Certificate (354 Mark

PROFESSIONAL QUALIFICATIONS

13th Feb – 10th June 2024.	Cisco Networking Academy (Virtual)	CCNA 1 Certificate (CCNAv7): Introduction to Networks
10th March – 7th April 2024.	Cisco Networking Academy (Virtual)	Introduction to Cybersecurity Certificate.
27th October-28th October 2022	FOIPAL	Intellectual Property certification (Workshop)
1st January 2023 – Date (ongoing)	Data Infinity limited Nairobi	Red hat system administration 1
2014 March	Masinde Muliro University of Science and Technology	Quick books Accounting.
2014 January	Masinde Muliro University of Science and Technology.	Virtues Training

March 2012	Western institute of professional	Credit 1 Certificate Computer application packages

WORKING EXPERIENCE

1st August 2021 to Date	ICT Support Technician 1, Deployed at Short Courses and Webometrics, and School of Education, Masinde Muliro University of Science And Technology.

Duties and Responsibilities

- ❖ Design, Develop, Maintain and update the university website in collaboration with the webmaster
- ❖ SEO optimization for Webometrics competitiveness for the University.
- ❖ Repair and maintenance of computer systems and computer networks.
- ❖ System Administration and software security updates for all university computer systems
- ❖ Technician in charge of Installation and maintenance of N-computing virtualization technology at the university and Campuses and Microsoft 365 operations.
- ❖ Training students and staffs on usage of ICT infrastructure at the university (ABNO software, Jiunge payments, Microsoft 365).
- ❖ Provide user technical support on adoption and usage of ICT emergent technology adopted by the university
- ❖ Serve as Ag. secretariate ICT-library senate committee as an in attendance and in several ICT directorate meetings.

August 2022- December 2022 and Climate	Website developer Consultant, Delagalexo Africa Mobility Research Network.

Duties and Responsibilities

- ❖ Design, development, maintenance and update of the websites.

8ᵗʰ October 2018 to Date: Part-Time tutor for Information and Communication Technology courses in the School of Computer and Informatics and Department of Journalism and Mass Communication.

Duties and Responsibilities

- ❖ Lectured, Set, Administered and Marked the examinations for Diploma and Certificate students in the following units; Object Oriented Programming in Java, Introduction to Programming in C, Basic Digital Electronics and Digital Literacy.

16ᵗʰ October 2018 to 2021   Part-time tutor at Kaimosi Friends University in the school of computing and Informatics.

Duties and Responsibilities

- ❖ Taught, set, Administered and Marked the examinations for Diploma and Certificate students in the following units; Computer organization and Architecture, Web based Application Development, Rapid Application Development and Internet application for academic year 2018/2019.

4ᵗʰ June 2018 to 2020   Website Developer for Alpha tech enterprises (Kapsabet)

Duties and Responsibilities

- ❖ Full stack Web based application development using Laravel Framework (MVC) Model
- ❖ Computer systems repair and maintenance.
- ❖ Networking and router/switch configuration.

4ᵗʰ June 2018 to September 2020   Information and Communication Technology (ICT) Intern Masinde Muliro University of Science and Technology- Kapsabet Campus.

Duties and Responsibilities

- ❖ Setting, establishment, and Management of ICT infrastructure

- ❖ Networking and System Administrations (ABNO), Troubleshooting and System Maintenance,
- ❖ ICT students' help desk and Training.
- ❖ In charge of the computer laboratory (N-computing Technology).

20th August 2018 to 31st August   examination invigilator for 2017/2018 semester two, at MMUST Kapsabet Campus where I Enforcement of examination integrity and eradication of examination irregularities through maximum supervision

26th Feb 2018, to March 9th 2018   Examination Invigilator and MMUST Main Campus for academic year 2017/2018 Semester one. I invigilated undergraduate examinations as contracted by the university to enforce integrity in our education system at the higher learning institution

8th Jan, 2018- June 2018.   Computer teacher at Ebwali Secondary School. Undertook a voluntary work of teaching computers studies at my local secondary school. Handling the form one and form two classes.

5th Sep 2016 to April 19th 2017   Developed and Implemented my Fourth-year e-residence project at Masinde Muliro University of Science and Technology. Developed an e-residence system based on PHP Laravel framework that enhanced booking of houses and accommodation places for students and residents of Kakamega.

5th May – 12th August 2016   ICT industrial attachment at Webmasters-Kenya in Nairobi, A software Company that deals with Web based application development and I managed to develop an online school management system using PHP Laravel framework.

9th Sep 2016 – April 20th 2017 Third Year ICT project at the University. System design and development. Proposal writing, presentation and system coding. I developed a school management system in Java programming language.

5th Jan – 8th October 2013   Volunteer Services at Ebusiralo Child Development center.I engaged in Office document filing, helping

students in letter writing, and Conducting Schools and homes visitation for students.

PROFESSIONAL BODIES MEMBERSHIP.

❖ Computer Society of Kenya, Membership Number:136146 Since 2nd Match 2022

OTHER ACHIEVEMENTS.

❖ Co-Innovated and Developed a Mean Testing tool (ODEMMUSTA) in collaboration with prof. Stephen Odebero that targeted equitable, and instant HELB Bursaries and Loans allocation and disbursement to Vulnerable students.
❖ Awarded a URF grant in 2023 that facilitated in development of a deep learning model for early Irish potato disease detection.

PROFFESIONAL AND SOFT SKILLS

❖ Computing skills: knowledge in Linux and windows operating system, programming skills in Java, PHP, JavaScript, C and C++
❖ Frameworks conversant with in programming Laravel Framework, Joomla, NetBeans IDE, visual studio and JCreator.
❖ Networking knowledge in cable crimping, cable relaying, and network administrations.
❖ Eloquent and perfect communication skills
❖ Creative and Critical thinker
❖ Team work and leadership.

LEADERSHIP POSITIONS HELD.

August 2022-Date   **Secretary General Society of Webmasters and Online Marketers,** A registered society targeting enhancement of collaboration and share of content of members parties and mitigate cyberbullying and crimes on online platform

2023 to date	West Kenya Media partnership implementation team member. Appointed by MMUST DVC-PRI to Enhanced
	collaboration between MMUST and West Kenya media through Trainings, and social corporate responsibilities
20th Match 2016 – 20th April 2017	**Elected Student Leader in the Students Governing Council (SGC)** in which I executed ethe following mandates:
	Chaired the Library committee that oversee quality library services to students.
	Advocated for student centered faculty for quality learning.
	Advocate for internet bandwidth increment to the faculty and the university at large.
August 2016	Certified and trained in leadership through young leadership summit held at Bishop Stamp Kakamega.
2015 to 2017	**Elected Vice chairperson African Canadian Continued Society Education (ACCES) Kenya, MMUST chapter.** Organized outreach to vulnerable in the society, contacted anti jigger campaign within the Kakamega vicinity and Visited orphanage homes in Kakamega.
2014- 2015	**Elected Vice chairperson Vihiga Students Association, MMUST Chapter**. As a team leader, we mobilized funds to support vulnerable in the association.
2009-2011	**Class Prefect Ebusakami secondary school**. I coordinated students and teachers class attendance and teaching sessions.

OTHER TRAININGS ATTENDED.

- ❖ Certified and trained in virtues at Masinde Muliro University.
- ❖ Certified and trained in leadership through young leadership summit held at Bishop Stamp Kakamega.
- ❖ Attended a three-day conference on University Student Leaders a ward Summit at Kenya school of government in Nairobi.

❖ Attended a Three days training on Leadership Induction in 2016 as an elected student leader at Jaminda Paradise.

REFERIES

1. DR. JAIRUS ODAWA
   Profession: Senior Lecturer and Director ODEL, Masinde Muliro University of Science and Technology.
   Contact:
   Email   : jodawa@mmust.ac.ke
   Relationship: Lecturer and supervisor MSC IT.

2. Mr. Geoffrey Kones
   Profession: ICT Manager, Masinde Muliro University of Science and Technology.
   Contact:
   Email: gkones@mmust.ac.ke
   Relationship: Supervisor

3. Dr. Denis M. W. Ochieno.
   Profession: Senior Lecturer and Coordinator Short Courses and Webometrics
   Masinde Muliro University of Science and Technology
   Contacts:
   Email: Dochieno@mmust.ac.ke
   Relationship: immediate Supervisor.

4. MR. Waliaro Apolo
   Profession: Senior Lecturer, School of Computing and Informatics, Masinde Muliro University of Science and Technology.
   Contact:
   Email: awaliaro@mmust.ac.ke.
   Relationship: Supervisor

5. Prof. Kelvin Omieno
   Profession: Associate Professor of Information Technology, Dean School of Computing and Informatics, Kaimosi Friends University.
   Contact:
   Email: komieno@kafu.ac.ke
   Relationship: Lecturer