JAPHETH MUMO KIMEU (Masters)

CURRICULUM VITAE

Career Objectives

Academia

- To advance in research areas of interest and teach in higher learning institutions.
- To collaborate with other research institutions/industries to conduct research projects and publish articles.
- To use new innovative technologies in course contents design and course delivery to students.
- To promote diversity, equity, and inclusion in higher learning institutions (staff, faculty, and students) for academic excellence and innovation.

Industry

- To ensure that organization aligns ICT/Digital technologies with business strategy to achieve its strategic objectives and goals which contribute to the socio-economic development of countries and UN Sustainable Development Goals.
- To promote Science, Technology, and Innovation (STI) for socio-economic development globally including in Africa.
- To coordinate Programs and Projects development to ensure effective and efficient development, of Science, Technology, and Innovation in industries including governments, private sector companies, and SMEs.

Community

- To collaborate with the communities/businesses assisting them with technological expertise, innovative digital technologies that prepare society for the Fourth Industrial Revolution (4IR).
- To promote equity and inclusion of underrepresented communities/groups in digital transformation.

Personal Details

Name: Japheth Mumo Kimeu

Address: Eastleigh 1st Avenue Kamukunji

Telephone: +254714020558, +255766312745

Email Address: mumokimeu3@gmail.com

Date of Birth: 30th Dec 1993

Nationality: Kenyan

Gender: Male

Personal Skills

- Team player with good interpersonal skills and team-building skills
- Self-Motivation and Resourceful
- Excellent listening and communication skills
- Planning, organizing, coordination, controlling, and time management skills
- Research and analytical skills
- Policy and strategy development skills
- Budgeting and monitoring skills
- Leadership skills, Managerial and decision-making skills
- Able to interact confidently with users to establish what the problem is and explain the solution
- Project Lifecycle Management, Requirements Analysis, Product development, and Security planning
- Ability to pay attention to details
- Ability to prioritize competing work commitments and deliver on time
- Passion for innovation and creativity
- High levels of integrity
- Ability to work under minimum supervision

Competencies

- Result-oriented and performance-driven
- Ability to manage and implement programs and projects
- Ability to remain focused under pressure
- Conceptual and analytical thinker
- Ability to motivate teams to achieve objectives and goals set
- Ability to work in a multicultural environment
- Hardworking, Commitment, Energetic and Confident
- Professionalism with a high level of integrity and accountability
- Proactive and self-driven with good analytical and problem-solving skills
- Strategist, innovator (with new ideas of doing things), and visionary thinker
- Competence in using Microsoft Office Suite applications, quantitative and qualitative analysis software applications.

Education

2022   Master's Degree in Mobile and Embedded Systems

Nelson Mandela African Institution of Science and Technology, Tanzania-Arusha

2018   Bachelor's Degree in Information Technology

South Eastern Kenya University, Kenya-Kitui

2014   Certification in Computer Application

Nairobi Aviation College, Kenya

Corporate Board / Management Member

2023 -Present Student Leader at Nelson Mandela African Institution of Science and Technology

2022–Present Member in the School of Computational and Communication Sciences and Engineering (COCSE)

2017 – 2018   Student Leader at South Eastern Kenya University

2017 – 2018   Christian Union Leader at South Eastern Kenya University

Language Proficiency

English   Full proficiency

Swahili   Full proficiency

French   Basics

Professional Qualifications

2023   Certificate of Participation in Data Science Workshop

2022   Certificate of CDAC online Workshop on e-Governance | CDAC Delhi | NM-AIST

2022   Certification on Ideation to Commercialization Projects, Tanzania, Nelson Mandela African Institute of Science and Technology

2014   Certification on Computer Application, Kenya, Nairobi Aviation College

Member of Professional Bodies

2023 – Present   Member of Data Science Africa (DSA)

2022 – Present   Full Professional Member of the Artificial Intelligence Community at Nelson Mandela.

Member of Africa Influencer Agency (AIA), Digital Cloud Hardware and Innovation.

Member of East Africa Business Communities (EABC)

2018 – Present   Member of ICT Kenya Civil Aviation Authority (KCAA)

2015 – Present   Member of Information Technology for Innovation at South Eastern Kenya University

Working Experience

2021 - 2022   Surveillance and Weighbridge Controller

East African Breweries Limited under Lady Askari

Website: https://www.eabl.com/

Duties

Risk Management, Control, and Prevention

Jan 2019 – Mar 2020   **Digital Specialist**

Plan and Trend Company

Website: https://plantrend.co.ke/

Duties and Responsibilities

- Worked for the above Local Company in their Contract at Teacher Service Commission.
- Undertook supervisory duties such as developing Teacher's NMS Software and training new employees.
- Facilitating Indexing of scanned files
- Organizing devotional programs
- Administrating works
- Undertaking some refurbishment projects
- Assisting in the roles of File-backs, Data Entry.

May 2018 – Aug 2018   **IT Trainee**

Kenya Civil Aviation Authority (KCAA)

Website: https://www.kcaa.or.ke/

Duties and Responsibilities

- Worked under the supervision of senior employers to help plan and direct the work of the organization.
- Trained to implement servers and storage virtualization.
- Worked in various departments to gain hands-on experience, including the ICT department among other departments.
- Came up with new ideas and improvements, which were discussed with senior employers.
- Trained to plan and set up server installations.
- Assisted in hardware and software configuration
- Aided problem resolution measures and suggested patches and hardware, software, and network troubleshooting alternatives.
- Contributed to team-based IT projects by lending IT Solutions, assessment, and management services.
- Patched software and installed new versions to eliminate security problems and protect data.
- Broke-down and evaluated user problems, using test scripts, personal expertise, and probing questions.

- Helped streamline repair processes and update procedures to support action consistency.

May 2014 – Dec 2014   **Tutorial Teacher**

Darajani High School, Kenya – Kibwezi

Duties and Responsibilities

- Reviewed curriculum and devised alternate approaches to presenting lessons to increase student understanding.
- Supported student teachers by mentoring them on classroom management, lesson planning, and activity organization.
- Evaluated and revised lesson plans and course content to facilitate and moderate classroom discussions and student-centered learning.
- Kept students on task with proactive behavior modification and positive reinforcement strategies.
- Developed and implemented lesson plans that addressed general students as well as those with individualized 504 plans as part of the integrated classroom.
- Networked with other educators to promote awareness of advanced teaching practices and the development of 21st Century skills.
- Held conferences with parents to address questions, discuss academic progress and encourage learning goals.
- Implemented and encouraged debate-style classroom environment to increase student engagement and promote critical thinking.
- Served on the school committee for STEM curriculum development.
- Assisted struggling students to maintain progress levels by designing individualized lesson plans focused on areas for improvement.
- Encouraged creative thinking and motivated students by addressing individual strengths and weaknesses based on standardized testing results.

Career, Academic Achievements and Awards

- Participated in increasing digital conversion of Teachers Biodata digital by 30%.
- Developed a new Asset Management System for KCAA Company. The system has been verified and tested for effectiveness. It is expected to improve the management of assets by 90%.
- I produced the best outstanding ICT Report Publication of the year 2018 for both attaches and interns. Link to the report;

(https://docs.google.com/document/d/1EOYMWpuJYa3GMnZMHfXxs0XW5p-WyZ7q/edit?usp=sharing&ouid=116843749201552623003&rtpof=true&sd=true)

- Implemented a Staff Management System to assist interns and attaches to respond to tasks increasing service delivery by 50%.
- Highly complimented by my supervisors and coworkers.
- Awarded Class Representative Certificate of Recognition.
- Awarded Intercessory Chairman Certificate of Recognition.
- Awarded Certificate of excellent performance at the University.

Workshops and Training Attended

2023, Data Science Africa (DSA) Workshop & Summer School at University of Rwanda, Kigali

2022, Innovators and Entrepreneurs Training on Ideation to Commercialization of Projects, Tanzania – Nelson Mandela African Institute of Science and Technology

2022, Artificial Intelligence and Machine Learning Training, Tanzania

2022, Project Management Software Training, Tanzania – Embedded and Mobile Systems Lab

2022, Electronic Business Training, Tanzania – Arusha

2021, Weighbridge and Surveillance Training, Kenya, Nairobi, Karen

2018, Server Administration and Management, South Eastern Kenya University, Kenya

2018, Management Information Systems, Kenya, Kitui

2018, Mobile and Web Application Development Training, Kenya – Seku

2018, Network Design and Administration Training, Kenya – Kitui

2016, Computer Graphics Designs Training, Kenya, Kitui

2015, Database Management and Best Practices Training, Kenya -Kitui

Projects and Papers Presented

2023, (One Conference paper awaiting to be published through IEEE Africon 2023)

2022,   Business case for eLearning ICT Infrastructure for Digital University, Paper

(https://docs.google.com/document/d/1aFzL71Jt8jgiV8TugZ5aOBKlaS3GQWde/edit?usp=sharing&ouid=116843749201552623003&rtpof=true&sd=true)

2022,   Office Enterprise Resource Planning (ERP), Paper

(https://docs.google.com/document/d/1YhUSwHZ5DmKy32L6bwBoPs2G6CdujJya/edit?usp=sharing&ouid=116843749201552623003&rtpof=true&sd=true)

2022,   IT Infrastructure for eLearning prepared for Digital University, Paper

(https://docs.google.com/document/d/1yZy0LDSZu5-JhXd_-7iV4RdMAjCWnGYn/edit?usp=sharing&ouid=116843749201552623003&rtpof=true&sd=true)

2022,   Shopping Web-Page (User-Interface) for High-Rise Company Limited, Project

(https://japheth001.github.io/japheth-enterprises/)

2021,   Data Mining Model to Fight Terror in Cyber Space, Paper

(https://drive.google.com/file/d/1eEvmGTL0Q13p6MUCTmOmavwMVMBME4fN/view?usp=sharing)

2020,   Web-Based Asset Management System, Project

(https://drive.google.com/drive/folders/1qj_wAv2zkinhfqCaPueE0l4dOw8nuBmj?usp=sharing)

2020,   Darajani Ministries Mobile Application, Project

(https://drive.google.com/drive/folders/1AHO95hJxwcRdpCzLQJ0QK7kSBWRLiS9K?usp=sharing)

2018,   Refugee Mobile Application, Project

(https://drive.google.com/drive/folders/1WFp2NnOfJd3a_5y-7p-XKi_JQKHrYWXU?usp=sharing)

Referees

1. Dr. Elizabeth Sylvester Mkoba (PhD)

   Lecturer and Researcher,

   Nelson Mandela African Institute of Science and Technology,

   P.O. BOX 447, Tengeru, Arusha-Tanzania.

   Telephone: +255 745 663 403

   Email: elizabeth.mkoba@nm-aist.ac.tz

2. Carolyn Onkangi

   Lecturer,

   South Eastern Kenya University,

   P.O. BOX 170 – 90200, Kitui,

   Telephone: +254 716 515 155.

   Email: conkangi@seku.ac.ke

3. Mogire Obwaya

   Lecturer,

   South Eastern Kenya University,

   P.O. BOX 170 – 90200, Kitui,

   Telephone: +254 721 441 924.

   Email: omogire@seku.ac.ke