MONICAH WAMUHU

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PROFILE

Driven and innovative **Software Engineering student** with a strong passion for **Artificial Intelligence**. Skilled in software development, community engagement, and project management, with a proven track record of organizing impactful webinars, mentoring students, and driving organizational growth. Experienced in developing practical business applications, automating processes, and contributing to civic technology innovation projects.

EXPERIENCE

Co-Founder | Geek-ssters
Nairobi, Kenya

- **Content Creation & Community Engagement:** Led social media initiatives, creating 90+ posts that garnered 1,000+ views and reached over 500 accounts.
- **Mentorship:** Trained 30+ university students in soft skills through the "Creativity" module.
- **Strategic Growth:** Oversaw organizational growth and developed new outreach strategies.
- **Webinars Organized:**
  - *Building a Supportive Network in Tech* (November 7, 2024): Featured Grace Ngari, Machine Learning Engineer; 85 attendees on Google Meet.
  - *Tech Careers Beyond Coding* (November 14, 2024): Featured Bettirose Ngugi, Senior Product Manager at Microsoft; 83 attendees on Microsoft Teams.
  - *Adapting to Rapid Technological Change* (November 27, 2024): Featured Marion Karanja, Solutions Engineer at Salesforce; 77 attendees on Microsoft Teams.
  - *Overcoming Imposter Syndrome* (November 21, 2024): Featured Cindy Wanjiru Munene, Founder & CEO of Everything Data; 94 attendees on Microsoft Teams.

Intern (Innovation Sector)
Nairobi City County | Nairobi, Kenya
July 1, 2024 – August 28, 2024

- Contributed to civic technology innovation projects, focusing on process improvements and idea generation.

Business Application Developer
Nairobi City Water and Sewerage Company | Nairobi, Kenya
May 2023 – August 2023

- Utilized ArcGIS software to monitor meter mapping across Nairobi, generating reports to track progress.
- Automated data summarization for presentations using a Python solution to filter and process Excel reports.

EDUCATION

Bachelor of Science in Software Engineering
Multimedia University of Kenya | Expected 2025

- Relevant Coursework: Object-Oriented Programming, Systems Programming, Artificial Intelligence

Certificate in Cybersecurity
Moringa School | 2024

VOLUNTEER ROLES

Web Master
IEEE Computer Society | September 2024 – Present

- Brainstorming event ideas and generating visually appealing posters to markets events

Volunteer
IEEE Kenya Section | September 2024 – December 2025

- Contributing to community initiatives, supporting IEEE events, and promoting engineering education.

Technical Editor
CIT Club, Multimedia University of Kenya (MMU) | November 2024 – Present

- Assisting with content editing, ensuring technical accuracy, and contributing to club publications.

Organizer (Social Media Team)
AWS Student Community Day | August 2024 – Present

- Managing event promotion on social media platforms, enhancing event visibility and engagement.

PROJECTS

Café Billing System
June 2023 – Present | Nairobi, Kenya
Developed a streamlined billing system for cafes that automates order processing, payment handling, and bill generation. Proficient in GUI design for user-friendly order entry and payment processing.

Data Sheet Sort Program
Created an Excel data organization tool to assist users in managing data effectively based on specified criteria, enhancing data accessibility and manipulation.

Airline Ticket Reservation System
Designed a system to manage passenger details, flight information, and bookings. Allows for record addition, deletion, and updating based on user requirements.

CERTIFICATIONS

- **Microsoft Azure AI Fundamentals** | Microsoft
- **Data Protection Certificate** | CIPIT, Strathmore University

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AWARDS & ACHIEVEMENTS

- **IEEE Xtreme Programming Competition** | 2024
  Achieved 13th position in Kenya and 1,350th globally, demonstrating proficiency in problem-solving and teamwork.