Evans Manyara Morara
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Profile summary
Passionate Electronics & Computer Engineering Instructor with 3+ years in IT support and education. Skilled in asset management, troubleshooting, and inquiry-based teaching methods that empower learners to explore, investigate, and collaborate. Experienced in mentoring teachers and students to build digital fluency and confidence.

Key Achievements
- Trained 30+ teachers in edtech tools, improving classroom tech adoption by 80%.
- Reduced IT downtime by 30% through proactive maintenance and troubleshooting.
- Boosted student retention by 20% through hands‑on mentorship in PC, Linux, and Mac systems.
- Expanded coding clubs to 8+ schools, increasing student engagement in STEM by 40%.
- Delivered inclusive learning systems with a 90% satisfaction rate among learners.
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Professional Experience
ICT Assistant
Good Testimony Schools – Nairobi   June 2023 – 2025
- Taught coding lessons using (Scratch, Python, HTML & CSS for web development)
- Taught lessons in Electronics and robotics using Arduino
- Conducted workshops for teachers on edtech tools and troubleshooting.
- Managed IT infrastructure upgrades and inventory using analytical tools.
- Supported website and social media updates for school visibility.
- Maintained and configured hardware/software across platforms.

Programming & Robotics Instructor
Bee the Engineer – Nairobi   Jan 2023 – May 2023
- Led coding clubs across 6+ schools, boosting student engagement in tech.
- Developed inclusive learning systems with a 90% satisfaction rate.
- Delivered hands-on training in web development and Arduino programming.
- Facilitated workshops on Python, game development, and communication tools.

Electronics Intern   May 2021 - Jan 2022
Movenpick Hotel & Residences
- Installed, configured, and maintained security systems including CCTV, access control, and alarm units across client sites.
- Conducted field diagnostics and repairs, ensuring minimal downtime and client satisfaction.
- Supported networked surveillance systems, integrating IP cameras and remote monitoring tools.
- Collaborated with clients and internal teams to deliver customized security solutions.

- Documented installations, maintenance logs, and system upgrades for compliance and reporting.
- Trained staff on system usage and basic troubleshooting, enhancing user independence.
- Ensured adherence to safety protocols and data protection standards during installations.

Education

Bachelor of Technology in Electronics & Computer Engineering
2018 – 2022
KIRINYAGA UNIVERSITY
- Designed smart temperature controllers and automated irrigation systems.
- Hands-on experience with Python, C, PLCs, PCB design, PostgreSQL.
- Proficient in VHDL and Verilog for FPGA programming.
- Applied advanced concepts in digital signal processing and communication systems.
- Built embedded systems using micro controllers and RTOS.

Data Analytics Boot camp by Alexander Freberg

- Data cleaning with Python libraries like Pandas and NumPy.
- Developed interactive dashboards in Power BI and Tableau.
- Applied advanced SQL for data extraction and analysis.

Key Projects
- Coding club expansion - Trained in robotics and web dev clubs across Nairobi schools.
- Smart Irrigation Systems - automated water control using micro controllers.
- Smart expressway replica - developed a project based expressway model.
- Afrikaan heartland adventures website

Technical Proficiency
- Microcontroller Programming: Arduino, Raspberry Pi.
- Programming Languages: Python, C, JavaScript,React.
- Web Development: HTML, CSS, JavaScript, React.
- Data Analytics: Excel, Power BI, Tableau, pandas.
- Systems & Networking: Windows/Linux, SQL/PostgreSQL, MATLAB.
- Electronics: Digital & Analog systems, PCB design.

Soft Skills

- Problem solving
- Workshop facilitation
- Collaboration & mentorship
- Inquiry- based teaching

Membership & Certification
- Graduate Engineering Technologist ▪ Institute of Engineering Technologists and Technicians (IET-K)