

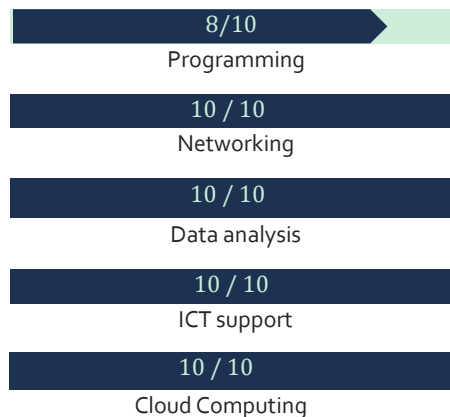


Edgar
Mugambi

COMPUTER SCIENTIST

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SKILLS



ABOUT ME

Highly skilled and results-driven ICT officer with expertise in managing and optimizing IT infrastructure. Proven track record in delivering efficient solutions and providing exceptional technical support. Passionate about Computer Science, innovation and technology with a wide variety of professional experience in Cloud computing, data analysis and conversant with Networking.

EXPERIENCE

ICT & Data Analyst

National Biosafety Authority January 2022 – November 2023

- Provide first level Support by resolving incident, troubleshooting and fix any system related problems
- Identify and prioritize technical issues, providing timely resolutions to minimize downtime
- Perform routine maintenance and repairs on computer hardware.
- Controlling access permissions and privileges of users as per policy regulations
- Write advanced SQL scripts and Data Analysis Expressions to generate detailed project reports and insights, optimizing data accuracy and depth of analysis
- Perform routine updates, backups, and configurations, ensuring software and systems' optimal functionality.
- Maintained detailed documentation for IT processes, procedures, and configurations, creating user guides and manuals.
- Conducted hardware maintenance and repairs, managed equipment inventory, and tracked assets
- Network troubleshooting and setup of network devices, ensuring connectivity

Computer Scientist Trainee

Commission on revenue allocation January 2020 – December 2020

- Independently analyzing, solving and correcting issues in real time, correcting issues in real time, providing problem resolution end-to-end
- Ensure that equipment, accounts and software for new users are set up and configured in line with organization standards
- Respond to and diagnose technical hardware and software issues
- Installation , configuration, testing and deployment of network hardware and software
- Coordinating the process of configuration of new ICT equipment
- Maintain an up-to-date inventory of the hardware and software inventory
- Provide training and support to colleagues on data analysis tools and techniques, fostering a data-driven culture within the organization
- Identify opportunities to improve operational processes and drive business efficiency based on rigorous analytical examination

ICT Intern

Kijabe Hospital January 2019 – July 2019

- Installing, configuring, and upgrading computer systems and software.
- Assist in configuring and maintaining network information and network security systems
- Provide internal IT support: Server security, Software updates, Hardware maintenance
- Crimping of LAN cables and fixing faulty ports
- Installation & configuration of computer hardware operating systems and applications
- Make routine repairs and change of hardware electronic components
- Ensure timely and accurate data entry
- Perform any other duty as may be assigned from time to time.

Projects

Data Scientist, November 2023 – February 2024

- Proficient in data collection methodologies, extracting data from various sources including databases, spreadsheets, and APIs
- Data exploration and visualization using tools like Excel, Tableau Shiny, Dash, and Power BI to identify patterns and trends
- Design, develop, and maintain scalable data pipelines for efficient data extraction, transformation, and loading processes
- Generating insightful reports and dashboards to communicate findings
- Developing and implementing machine learning models for classification, regression, clustering, and recommendation systems
- Identify, analyze, and interpret trends or patterns in complex data sets.

REFEREES

Irene Kamau
Head of ICT
National Biosafety Authority
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Maryann Wainaina
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Kijabe Hospital
0706671337
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Data Protection Commission
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EDUCATION

Degree in Computer Science • May 2017 - December 2021 • Kabarak University

Machine Learning and AI • Dec 2023 - February 2024 • IBM

Certification in Data Science • November - January 2024 • Nexus

Certification in Data Analysis • December - February 2024 • Google

Certification from CCNA • January - April 2021 • CISCO

Certification in Server Management and Security • June - Sept 2021 • University of Colorado

Certification in ICT Competence • February - April 2017 • Daystar University

Certification in Web Development • May - August 2021 • Johns Hopkins University