Sam Mochache Onyancha.

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Education

KCA UNIVERSITY
Nairobi, Kenya.
Bachelor of science in Applied Computing [Information Security and Forensics]
Graduation : December, 2024.
Project: Nielsen Accident Analysis.
{https://github.com/jongo-love/NIELSEN_ACCIDENT_ANALYSIS.git}
Relevant Coursework: [...Computer Networks ,Cisco Networking...]

NYAMBARIA HIGH SCHOOL
Nyamira, Kisii.
Grade: B.

Experience

STATE DEPARTMENT OF CULTURE AND HERITAGE.
Upperhill, Nairobi.

IT CONSULTANT
Sept 2023 – Jan 2024.
- Configured and managed network devices, including routers, switches, and firewalls, to ensure robust security and efficient data flow.
- Monitored network performance and conducted regular audits, reducing downtime by 15%.
- Provided technical support and training on networking protocols, enhancing staff proficiency and reducing technical issues by 30%.
- Developed and implemented IT solutions to streamline operations, resulting in a 20% reduction in processing time.

- Managed and maintained the department's IT infrastructure, ensuring 99% uptime.
- Designed and deployed a secure departmental network, improving data access and collaboration among teams.

Leadership and Activities

STATE DEPARTMENT OF CULTURE AND HERITAGE.
Project Lead, IT Infrastructure Modernization
Role
- Led a team of five IT professionals in a project to modernize the department's IT infrastructure, delivering the project on time and under budget.
- Spearheaded the implementation of a department-wide cybersecurity training program, improving compliance rates by 40%.
- Organized and led workshops on digital tools and networking best practices for over 50 department staff members.

Skills & Interests.

Technical:
Programming Languages: Python, Java, C, C++
Web Development: HTML, CSS, JavaScript, Bootstrap
Database Management: SQLite
Software Development Tools and Frameworks: Flask , Django.
Operating Systems: Windows, Linux
Version Control Systems: Git
Data Analysis and Visualization Tools: Excel, Tableau, Jupyter Notebook(ADVANCED RESEARCH.)
Cybersecurity Knowledge

Language: English (Fluent), Swahili (Fluent) German (Beginner).

Laboratory: Data analysis MATLAB
Interests: FineART , Culture diversity

REFEREES.
Madam Rose Chibayi Ndula
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