

# Ishmael Allan

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## Summary

Dedicated and skilled professional with a degree in Computer Science and over a year of hands-on experience in network engineering and drive testing. Eager to leverage technical expertise and practical experience in a challenging role within the field of computer science and network engineering.

## Skills

- **Data Analysis:** Skilled in using SPSS for statistical analysis and interpretation of data.
- **Database Management:** Experience with SQL and database design.
- **Machine Learning:** Basic understanding and application of machine learning algorithms.
- **Networking:** Network configuration, troubleshooting, field surveys, network optimization
- **Tools & Technologies:** Cisco equipment, drive test tools (e.g., TEMS, Nemo), RF planning tools
- **Programming Languages:** Python, Java, C++
- **Operating Systems:** Windows, Linux
- **Soft Skills:** Problem-solving, teamwork, communication, project management

## Languages

English                      Arabic  
Yao                            Chichewa

## Interest

Reading  
Watching football & movies  
Cooking

## Education

- International University of Africa – Khartoum, Sudan  
Bachelor of Computer Studies  
Computer Science  
Year: 2022
- Mitundu Community day secondary School – Mitundu, Lilongwe, Malawi  
Malawi School of Certificate Education (MSCE)  
Year: 2013
- Kiki Range Private Secondary School – Balaka, Malawi  
Junior Certificate of Education (JCE)  
Year: 2009

## Additional Information

- **Certification**  
Michalu Professional Consultants  
Data analysis SPSS

## Work Experience

**Network Field Engineer | Afro-Egypt Engineering Company**  
**January – December (2023)**

- Conducted field surveys and network assessments to ensure optimal performance and coverage.
- Installed, configured, and maintained network equipment and related infrastructure.
- Diagnosed and resolved technical issues in a timely manner, minimizing downtime and ensuring seamless connectivity.
- Collaborated with team members to plan and execute network expansion projects, improving overall service quality.

## Key Achievements:

- Successfully optimized network performance in multiple regions, resulting in a 20% increase in user satisfaction.
- Implemented efficient troubleshooting protocols, reducing average resolution time by 15%.

**Network Field Engineer | Afro-Egypt Engineering Company**  
**2024 January – Present**

- Performed drive tests to collect and analyze data on network performance and signal strength.
- Utilized specialized tools and software to interpret test results and identify areas for improvement.
- Prepared detailed reports and recommendations based on test findings to guide network optimization efforts.
- Coordinated with engineering teams to implement recommended changes and track their impact on network performance.

**Key Achievements:**

- Identified and resolved critical network issues, leading to a 25% improvement in coverage and reliability.
- Played a key role in a major network upgrade project, contributing to a successful rollout within tight deadlines.

**Projects**

- Network Optimization Project: Led a project to enhance network performance across multiple sites, resulting in improved connectivity and user experience.
- Drive Test Analysis: Conducted extensive drive tests in urban and rural areas, providing actionable insights that guided network enhancements.

**References**

1. Mr. Yahaya Jabili,  
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Al-Baakir Boys Secondary School,  
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Domasi,  
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