

Mwenimpako Paul Siame

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PROFILE

Recent graduate with a BSc in Computer Science with interest in network and systems administration, mobile web/Android development, and Artificial Intelligence and Data Science. Would like to work in a dynamic team with complementing skillsets to do meaningful work that improves lives. Ardent learner and lover of all things science and technology, always looking for a challenge.

TECHNICAL EXPERTISE

- Operating Systems: Windows, Linux, Android.
- Programming Languages: Python, Java, Golang, R, C++, C, and Octave.
- Web Technologies: Html5, CSS3, Django, JavaScript, PHP.
- Artificial Intelligence Skills: Supervised Learning, Unsupervised Learning, Ensembles, and Chat-bots.
- Data Science Skills: Exploratory data analysis, data cleaning, data visualization, data analysis.
- Systems Administration Skills: Network management, Database administration, Technical support.

EXPERIENCE

Zambia National Broadcasting Corporation

Intern (July 2014 – August 2014; February 2015 – May 2015)

An intern's responsibilities include technical support; network management; device management, maintenance, and repair; telecommunications maintenance; and teleprompter preparations.

Assistant I.T Engineer (February 2018 – September 2018)

The responsibilities of this role were similar to those of the internship before it but included also CCTV reports.

TopStar Zambia

Network Operations Center Technician (February 2019 - Present)

Network Operations Center Technicians ensures that all local and international channel feeds are streaming with clear, synchronized audio and video streams and minimal down time; communicating with the channel providers to resolve any and all arising issues. We also ensure that all remote sites are online, in optimal operating condition, and that they are distributing the content feeds with no degradation of quality from what we are receiving; working with and supervising regional technicians to do so.

EDUCATION

Mulungushi University, Kabwe

Bachelor of Computer Science

2011 - 2017

ST Clément's Boys' Secondary School, Mansa

GCE 'O' Levels

2010

PROJECTS

Shoplist (February 2015 – June 2015)

An e-commerce Android application. It is location aware and internationalized.

Anomaly detection algorithm (April 2017)

An anomaly detection algorithm designed to detect failing servers.

NOAA Analysis (August 2018)

An analysis of storm data from 1950 to 2011 from the National Oceanic and Atmospheric Administration of the United States. The purpose of the analysis was to discover the severe weather events that had the highest economic (crop and property damage) and human costs (injuries and fatalities).

Detroit Blight Compliance Predictor (February 2018)

A Blight payment prediction model that predicts whether a blight offender will pay their fine on time.

Procurrency (June 2018)

Offline first progressive web technology based currency converter. Detects local currency from device location.

2014 AGCSZ Broadcast (July 2014)

This project occurred during my internship. We networked the broadcast booth and linked it to the Mass Media Complex's network.

Quartback (December 2016 – June 2017)

A social network for discussing all things sports. Worked on it collaboratively with team members from India and Kenya.

INTERESTS

Travelling, technology, astronomy, physics, horror movies and novels, gaming, fitness, writing.

Languages

	Written proficiency:	Spoken proficiency:
• English	Excellent	Excellent
• Nyanja	Very good	Very good
• Bemba	Good	Good
• Spanish	Elementary	Elementary

REFERENCES

Mr. Mumbake Sikambale

Senior Maintenance Engineer at the Zambia National Broadcasting Corporation.

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