Samkelo Oneal Shambal

Zone 6, Mahwalala Mbabane Eswatini   7838 6941 / 7908 7210   samkellooneal0007@gmail.com

About Me

Detail Info

Birth Date

29/Sept/1999

Summary

A driven computer science graduate with a diverse skill set spanning software engineering, data analysis, database management, and project management. Proficient in programming languages such as Python, Java, C, R, and Android development.

Experienced as a lab technician and teaching assistant, often leading lectures, in both contact learning and online platform based learning. Skilled in designing, developing, and maintaining software applications using agile methodologies, and collaborating effectively within cross-functional teams.

Eager to express my technical abilities and problem-solving skills to inspire innovation and expansion to an organization, while staying up-to-date with new developments in the technology industry.

Education

Eswatini Medical Christian University

2019 - 2023

BSc In Computer Science

Hillside High School

2014 - 2018

IGCSE

Experience

Eswatini Medical Christian University

July 2024 - March 2025

Teaching Assistant/Lab Technologist
Lab network configuration and troubleshooting
Hardware devices management
Setting up new work stations
Software installations and management
IT Support
Lecturing:
Database Management Systems (MySQL)
Programming (C, Java)
Networking and network simulations
Web Design (HTML, JavaScript, React, Java Swing, PHP)
Computer Foundations and Microsoft Office Suit

Eswatini National Library Service

2023 - 2024

IT Support Technician
IT Support
Network Troubleshooting
Hardware Management
Software Installation
Database Management

ENACTUS EMCU

2021 - 2023

IT Officer
Web Design
Database Management
Technical Support
Data Collection

....

Projects

Thesis

August 2023 - November 2023

A Web Based Remote Diagnosis System
Created a web based chatbot that perfomed diagnosis and recommended
the necessary treatment.

University Portal

November 2024 - March 2025

Created a university portal for students, lecturers and administration for
records keeping, and information sharing

Digital Magazine Website

February 2025 - April 2025

Case Magazine
Built a desktop and mobile friendly website that allows for file sharing, online
payment, and record keeping on a database.

....

Skills

Networking
Teaching
Packet Tracer Network Simulator
Database Management
Hardware Management and Troubleshooting
Web Design
Software Engineering
Data Analysis
Project Management
Data Collection
Communication Skills
Research
AI Modelling
Technical Support
Data Mining and Warehousing
Microsoft Office Suit
Customer Service
Software Installations and Operating Systems Management

Interest

Photography
Graphic Design
Reading
Video Editing
Cycling
Jogging

References

Nelisiwe Zwane
Phone: 7626 3308
Supervisor | ENLS

Shiella Ndzimandze
Phone: 7636 3581
Lab Technologist | Eswatini Medical Christian University

Sihlalo Dlamini
7675 8395
Head Of Department (Computer Science) | Eswatini Medical Christian
University

Languages

English, Siswati

Others

Portfolio: https://samkelo-oneal.github.io/my-portfolio-page/

Social Profile

LinkedIn:
linkedin.com/in/samkelo-shambali-216434289