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Top Skills

Kotlin

Databases

Predictive Analytics

Linah Rose Skhosana

Associate Lecturer (Walter Sisulu University) | Software Developer| Data Analytics| AI |Masters Candidate @NWU Umtata, Eastern Cape, South Africa

Summary

As a Computer Science (Honours) graduate, I possess a robust background in mobile application development, data analytics, and teaching. Recently, I developed a mobile app using Kotlin to manage lost and found items in educational institutions, demonstrating my proficiency in creating practical technology solutions.

As a part-time lecturer in Information Systems at Walter Sisulu University, I bridge theoretical concepts with real-world applications. During my internship at the Student Tracking Unit, I contributed to developing an early warning system to identify at-risk students. I utilized tools such as Power BI, Tableau, Excel, and PowerHEDA for data analysis and dashboard creation. I am also currently enhancing my skills in React Native, with a focus on cross-platform mobile development.

My passion lies in leveraging advanced technologies to drive innovation and tackle complex challenges. I am particularly enthusiastic about contributing to advancements in AI, machine learning, and mobile application development, and I am committed to staying at the forefront of these fields.

Experience

WSU - Walter Sisulu University

3 years 10 months

Associate Lecturer

April 2024 - Present (1 year 11 months)

Eastern Cape, South Africa

Data Analyst

February 2023 - March 2024 (1 year 2 months)

Eastern Cape, South Africa

Developed and implemented an early warning system to identify at-risk students and modules. Leveraged tools such as Power BI, Tableau, Excel, and PowerHEDA to analyze student data, design detailed reports, and create interactive dashboards. Contributed to developing a predictive system to forecast student outcomes and pinpoint intervention points. Participated in meetings and presentations to communicate findings and recommendations to various stakeholders at Walter Sisulu University, including during roadshows.

E-Learning Student Assistant

May 2022 - 2023 (1 year)

Eastern Cape, South Africa

Collaboration with the educational technologists of Walter Sisulu University which resulted in comprehensive support for students. We have assisted them in navigating and utilizing learning management systems such as Moodle and Microsoft Office 365 Package, including Teams, OneDrive, etc. Our team has been proactive in troubleshooting technical issues related to e-learning platforms and educational software. We have also conducted one-on-one and group training sessions to ensure that students can fully utilize digital tools in their studies.

Education

WSU - Walter Sisulu University

Bachelor of Science - BS, Honors in Computer Science · (January 2023 - December 2023)

WSU - Walter Sisulu University

Bachelor of Science, Computer Science · (January 2020 - December 2022)