

MTHOBISI KHOZA

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EDUCATION

University of the Free State, Qwaqwa

Bachelor of Science in Computer Science, Minor in Management

Phuthaditjhaba, South Africa

Feb. 2022 – Nov. 2024

University of Pretoria

BSc (Hons) in Computer Science

Pretoria, South Africa

Starting Feb. 2026

EXPERIENCE

Data Analyst Trainee

Auditor-General South Africa

Apr. 2025 – Present

Lynnwood, Pretoria

- Designed, refreshed, and optimized interactive Power BI dashboards using SQL Server for financial and operational audits.
- Applied Python and Apache Spark (PySpark) for large-scale data processing, predictive modeling, and analytics.
- Optimized SQL queries and built ETL pipelines to improve data transformation efficiency and reporting performance.

Business Calculations (Statistics) Tutor

Jun. 2024 – Oct. 2024

University of the Free State

Phuthaditjhaba

- Facilitated Business Calculations tutorials, simplifying complex statistical concepts for undergraduate students.
- Designed practical exercises and summaries aligned with course outcomes.
- Provided one-on-one academic support, including students registered with CUADS, promoting inclusive learning.

PROJECTS

Portfolio Website | React, JavaScript, Three.js, React Three Fiber

- Developed a personal portfolio website showcasing projects, technical skills, and experience.
- Implemented a clean, responsive frontend UI using React.
- Live site: mthobisi.co.za

Data Cleaner | Python, Streamlit, Pandas

- Built a desktop data cleaning tool for preprocessing datasets using Python and Streamlit.
- Implemented functionality for handling missing values, standardizing formats, and cleaning raw data.
- Designed for fast exploratory data cleaning before analytics and modeling.
- GitHub Repo: [See here](#)

ACCOLADES

Overall 1st-Year Top Achiever in Computer Science and Information Technology, University of the Free State (2022).

3rd-Year Top Achiever in Computer Science and Information Technology, University of the Free State (2024).

TECHNICAL SKILLS

Languages: Java, Python, C#, SQL Server, JavaScript, HTML/CSS

Data & Analytics: Apache Spark (PySpark), Power BI, Pandas

Frameworks: React, Three.js, .NET

Developer Tools: Git, Visual Studio, VS Code, WebStorm, PyCharm, Jupyter