# MTHOBISI KHOZA

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## EDUCATION

**University of the Free State, Qwaqwa**                                         Phuthaditjhaba, South Africa
*Bachelor of Science in Computer Science*                                        *Feb. 2022 – Nov. 2024*

## EXPERIENCE

**Data Analyst Trainee**                                                         Apr. 2025 – Present
*Auditor-General South Africa*                                                   *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 and React Three Fiber.
- 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.

## 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
**Libraries**: Pandas, Numpy, Seaborn, Matplotlib, JDBC