

BOITSHOKO CHOABI



Kanana, Orkney, North West



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<https://portfolio-site-1a1.onrender.com>

CORE COMPETENCIES

TECHNICAL SKILLS

Microsoft SQL Server

Java

Python

R programming

Power BI

Microsoft Visio

SOFT SKILLS

Planning and organisation

Problem solving

Adaptability

FORMAL EDUCATION

BSc Computer Science & Statistics,
NELSON MANDELA UNIVERSITY
(2021 – 2024)

NDip Civil Engineering, NELSON
MANDELA UNIVERSITY
(2016 – 2018)

PROFESSIONAL DEVELOPMENT

Data Analyst Bootcamp, UDEMY
(COMPLETED 2025)

Deloitte Australia Data Analyst
Job Simulation, FORAGE
(COMPLETED 2025)

PROFESSIONAL PROFILE

I am a graduate in Computer Science and Statistics with practical experience applying data analysis to real-world projects. Contributed to the development of a metropolitan Water Services Development Plan (2018) and analysed drilling performance datasets to support contractor claims evaluation (2019). Skilled in cleaning, analysing, and interpreting complex datasets to support evidence-based decisions, and eager to grow these skills in a graduate programme while working toward a career in Data Science.

PROFESSIONAL EXPERIENCE

CIVIL ENGINEERING TECHNICIAN

JAN 2020– DEC 2020

AfriCoast Consulting Engineers | Water & Sanitation Department

Project: Concrete Volume Verification

- Conducted on-site measurements of poured concrete structures to validate contractor claims against the Bill of Quantities (BoQ).
- Compared physical measurements with construction drawings to identify discrepancies and ensure accurate project billing.
- Delivered evidence-based insights that supported dispute resolution and informed management decisions.

INTERN CIVIL ENGINEERING TECHNICIAN

JAN 2019 – DEC 2019

AfriCoast Consulting Engineers | Water & Sanitation Department

Project: Drilling Performance Analysis

- Collected, cleaned, and structured daily drilling performance data, including pile drilling times and encountered boulders.
- Analysed datasets to calculate average drilling times and identify inefficiencies affecting project schedules.
- Provided actionable insights that informed contractor claims evaluation, supporting accurate extension of time decisions

IN-SERVICE TRAINING

JAN 2018 – DEC 2018

AfriCoast Consulting Engineers | General Civils

Project: Water Services Development Plan

- Gathered and organised water service delivery data for a metropolitan area to support strategic planning.
- Analysed service delivery and performance metrics, highlighting gaps and informing recommendations for infrastructure development.
- Contributed to the creation of a comprehensive Water Services Development Plan by delivering data-driven insights to guide decision making.