

# **Luthando Silomo Kunene**

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Meyersdal Alberton, 1448.

## **Personal Statement**

I am highly driven and results-oriented with a foundation in Industrial and Systems Engineering, currently pursuing data specialisations through the ALX Africa. I am driven by a passion for leveraging data-driven insights to solve complex business challenges and contribute to impactful innovations. My experience with Python, SQL, and RStudio, alongside ongoing development in Machine Learning, AI, and Data Engineering, equips me to contribute effectively to data-focused projects. I aim to apply these analytical and technical skills in dynamic, impact-oriented organisations.

## **Education**

### **UNISA: Industrial Engineering Diploma**

(January 2025 - December 2026)

- Completing two outstanding Mathematics modules to qualify for readmission to the University of Pretoria for final-year BEng studies.
- 2025: Engineering Costing and Operations Research.
- 2026: Two second-year Mathematics modules

### **ALX AFrica: Data Engineering Course**

(June 2024 - August 2026)

- Data Analytics (June 2024 - December 2024)
- Data Science (July 2025 - August 2026)

- Data Engineering (July 2025 - August 2026)

**University of Pretoria – BEng Industrial Engineering (Incomplete)**  
(June 2021 - December 2023)

**University of Pretoria – BEng Mechanical Engineering (Incomplete)**  
(January 2018 - June 2021)

**Horizon High School (Star College Johannesburg)**  
(2013 - 2017)

## **Short Course Certifications**

### **Data Analytics/Data Science:**

- ALX Africa\_Data Analytics:  ALX Africa\_Data Analytics.pdf
- Python\_Pandas Library:  Python\_Pandas Library.pdf
- Intro to Machine Learning:  Intro to Machine Learning.pdf

## **Project Certifications**

### **Data Analytics/Data Science:**

- Tata Motors:  TATA\_Data Visualisation\_Certificate.pdf
- Accenture North America:  Accenture North America\_Certificate.pdf
- Commonwealth Bank:  Commonwealth Bank\_Data Science\_Certificate.pdf

### **Management/Strategy Consulting:**

- PriceWaterCoopers:  PWC\_Management Consulting\_Certificate.pdf
- Boston Consulting Group:  BCG\_StrategyConsulting\_Certificate.pdf
- Boston Consulting Group:  BCG\_Introduction to Strategy Consulting\_Certificate.pdf

**GitHub Link:** <https://github.com/silomo-luthando-kunene/>

## **Personal Interests**

- Jazz music and saxophone performance
- Volunteering in community outreach and mentorship programmes
- Data Science, Data Engineering, and Business Analytics — including BI tools (SQL, Mendrix, Power BI), cloud technologies (AWS), and machine learning applications.
- Entrepreneurship, strategy consulting, and continuous learning in data and engineering fields

## **Work Experience**

### **University of Pretoria**

#### **South African Association of Industrial Engineers (UP).**

- Chairperson.
- Term: August 2023 – August 2024

#### **Virtually Integrated Projects Programme (UP).**

- Member of the team (June 2023-December 2023).
- The aim of this project was to optimise the Industrial Engineering (IE) undergraduate curriculum at the **University of Pretoria** to ensure that Industrial Engineering graduates are best equipped to add value to the 21st Century South African workplace when they graduate.

#### **Student Wellness Committee (UP).**

- Academic Officer Portfolio August 2021 - August 2022.
- ManDown Committee Liaison August 2021 - August 2022.

### **Tuks Leadership and Individual Programme (TULIP) (UP).**

- October 2020 - October 2021.

### **ManDown (UP).**

- March 2019 - August 2021.  
- Corporate Social Responsibilities Portfolio.

### **University of Pretoria (Tuks Res)**

- Tuks Res Independent Electoral Commission in 2018.

### **A to Z Car radio Specialists CC (Holiday Work)**

- Artisan in Training: Student Vacation Work (2018 - 2023.)

## **References**

### **Mr. Joe Vieira**

A to Z Car radio Specialist: Owner

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Phone: Tel: +27 11 907 7633. Cell: +27 83 453 6709

### **Mr. Anele Cebo**

Tulip: Chairperson 2021

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### **Ms. Phina Sokho**

ManDown: Coordinator

Student Wellness: Coordinator

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## **Mr. Lanche van Tonder**

Manager: Residence Management & Student Life

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## **Mrs. Ilse Doyer**

Virtually Integrated Project Programme at TUKS: Coordinator.

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## **Ms. Done Joubert**

South African Institute of Industrial Engineers at TUKS: Vice Chairperson 2022.

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