

Hlanhla Anastatia Hlungwane

Contact Information



+27 73 149 1021



Hlanhla.anastatia@gmail.com



<https://www.linkedin.com/in/hlanhla-hlungwane-690588168/>



https://hlanhla-hlungwane.github.io/My_Portfolio/

Personal Details

- ❖ Race – African
- ❖ Gender – Female

Formal Education

1. Grade 12 (2016)
 - ❖ Risinga Secondary school
 - ❖ Bachelor Pass (88% Aggregate)
2. BSc (Hon) Mechanical Engineering
 - ❖ University of the Witwatersrand
 - ❖ Final year pending the completion of Design Project

Work Experience

1. Teaching Assistant
 - University of Witwatersrand
 - January 2023 -November 2023
 - ❖ Mechanical Engineering Design (MECN3019) and Thermodynamics (MECN2014)
 - ❖ marking tutorials, tests and assignment
2. Mechanical Engineering Intern
 - Volkswagen SA
 - November 2020-February 2021
 - ❖ Designed a heating element for the airbag testing facility and optimized airbag deployment timeframe.
 - ❖ Conducted thermal simulations to analyses the performance of the heating device.
 - ❖ Project management - transitioning from using a manual climatic chamber to an automatic robust climatic chamber.
 - ❖ Airbag Testing under ISO 45001
3. Mechanical Engineering Intern
 - ThyssenKrupp Industrial Solutions
 - June 2019-December 2019
 - ❖ CNC Machining of bolts, shafts and nuts, and Gearbox maintenance under ISO 9001.

SKILLS

- ❖ CAD (Autodesk and Fusion360, etc)
- ❖ Programming (MATLAB, Python, SQL)
- ❖ Experimentation (Laboratory work)
- ❖ Finite Element Analysis (FEA)
- ❖ Computational Fluid Dynamics (CFD)
- ❖ Mechanics
- ❖ Thermodynamics
- ❖ Technical Writing
- ❖ Project Management
- ❖ Microsoft Projects
- ❖ MindGenius
- ❖ Microsoft Word, Excel, & PowerPoint
- ❖ Research and Analysis

CERTIFICATIONS

- ❖ Machine Learning Onramp - [Credential](#)
- ❖ Common Data Analysis Techniques - [Credential](#)
- ❖ Clean And Prepare Data For Analysis - [Credential](#)
- ❖ Databases And SQL For Data Science with Python - [Credential](#)