

Hlanhla Hlungwane

Contact Information



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Personal Details

- ❖ Race - African
- ❖ Gender - Female

Formal Education

- ❖ BSc (Hon) Mechanical Engineering - University of the Witwatersrand - 2024

Work Experience

1. Vacation Work

- ❖ Volkswagen SA, Port Elizabeth South Africa
- ❖ November 2020-February 2021 (4 Months)

I designed a heating element for the airbag testing facility and recorded the time it took for the airbag to be deployed. I conducted thermal simulations to analyse the performance of the heating device

2. Vacation Work

- ❖ ThyssenKrupp Industrial Solutions, Johannesburg South Africa
- ❖ June 2019-December 2019 (7 Months)

I was involved in creating engineering drawings, CNC Machining of bolts, shafts and nuts, and Gearbox maintenance.

Skills

- | | |
|--------------------------------------|--------------------------|
| ❖ Finite Element Analysis (FEA) | ❖ Mechanical Engineering |
| ❖ Computational Fluid Dynamics (CFD) | ❖ Content Writing |
| ❖ Mathematics | ❖ Python |
| ❖ Maths Tutor | ❖ Mechanics |

Awards

❖ Top Learner

Top achieving Matriculant with 7/7 distinctions with an average of 88% in grade 12 (2016)

❖ Wits Entrance Scholarship

The university provisioned an entrance scholarship paid towards the tuition fees for being the top matriculant (2017)

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 |