DIMPHO SEFORA
Electrical and Computer Engineer

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📍 Cape Town

Education

BSc (Eng) Electrical and Computer Engineering
University of Cape Town
2022 - 2025

National Senior Certificate
Pretoria High School for Girls
2017 - 2021

Technical Skills

- Programming: Python, Java, C/C++, HTML
- Microsoft Office
- MATLAB
- Basic Handskills and Welding

Professional Skills

- Effective technical communication
- Time and project management
- Team collaboration in multidisciplinary settings

👤 Profile

I am a curious, disciplined, and goal-driven final-year Electrical and Computer Engineering student, excited to transform ideas into practical solutions. My ambition is to make an immediate impact on significant engineering projects and, in the long run, to create technologies that positively influence society.

💼 Professional Experience

July 2025 -

University of Cape Town
Embedded Systems 2 Tutor

- Assisted students with practical application in labs
- Assisted in marking demos and tests

Dec 2024 - Jan 2025 & Dec 2023 - Jan 2024

Sasol Secunda
Vacation Work Engineer in Training

- Providing engineering support to Sasol mines
- Engaging in projects related to protection grading and power factor correction

Feb 2023 - Nov 2024

Master Maths
Part-time Mathematics Tutor

- Applied adaptive teaching strategies to meet diverse learner needs

Nov 2022

Cape Peninsula University of Technology
Technical trainee

- Acquired skills in fitting and turning, welding, pneumatics, basic hand skills, metrology and electric automation

Achievements

2022-2024 | UCT Dean's Merit List
2021 | NWU Modiragatsi Innovation Competition finalist
2021 | Graduated with 7 Distinctions
2019 - 2021 | Academic Full Colours (PHSG)

Interests

- Coding applications in engineering
- Classical performance (violin) and visual arts
- Fitness and personal development

📖 References | Available upon request