

SIMPHIWE MNQOBI MTHETHWA

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BIRTH INFORMATION

Date **23 March 2001**

Place KwaZulu-Natal, South Africa

EDUCATION

Durban University of Technology

February 2020 - November 2022

Department of Information Technology

GPA: 2.9

Bachelor of Information and Communications Technology

Tholokuhle High School, Nseleni A

December 2018

Matric (Grade 12)

Aggregate: 67%

TECHNICAL STRENGTHS

Computer Languages

Python (intermediate), Java (beginner)

Software & Tools

Jupyter Notebook, SQL Server,

Microsoft Excel, L^AT_EX, Figma

Skills

Analytical skills, Debugging, UI Design, Database Knowledge

WORK EXPERIENCE

The Adoption of an Intelligent Waste Collection System

August 2022 - Present

1st Author

- Wrote a journal/ research paper for the ICTAS 2023 conference
- Designed a prototype of a model for a new waste management system
- Prepared a presentation to the ICTAS conference for the IEEEExplore publication

RELEVANT COURSES

CORE COURSES

Software Engineering

Machine Intelligent (ML)

Project Management

OTHER COURSES

Networks & Operating Systems

Probability and Statistics

Information Assurance & Security

ACHIEVEMENTS

Obtained distinction in the final year for Machine Learning

2022

Durban University of Technology

EXTRA-CURRICULAR

Participated in the virtual EPF Energy Hackathon (23 April 2022)