

Themba Ngobeni

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CAREER OBJECTIVE:

Seeking a challenging position to work in an environment where I can grow and also contribute to the company's growth using my excellent development and management skills.

KEY SKILLS

- Ability to write and compile in java, HTML and CSS, and python
- Basic familiarity of C++, SQL, MATLAB, and JavaScript
- Fundamental understanding of computer hardware and software

Awards

2013	Certificate of academic excellence ,	Phomolong Secondary High School	Gauteng, TEMBISA
2014	Distinctions in Geography,	Phomolong Secondary High School	Gauteng, TEMBISA
2014	Certificate of academic excellence,	Phomolong Secondary High School	Gauteng, TEMBISA

Education

PHOMOLONG HIGH SCHOOL,

Gauteng, TEMBISA

HIGHEST GRADE PASSED: GRADE 12

2011 – 2015

SUBJECTS:

- English (First Additional Language)
- Mathematics
- Life Sciences
- Life Orientation
- Geography
- Xitsonga (Home Language)
- Business Studies
- Physical Sciences

UNIVERSITY OF THE WITWATERSRAND

South Africa , JOHANNESBURG

BACHELOR OF SCIENCE DEGREE (COMPUTER SCIENCE)

2016 – 2020

Majors:

Computer Science and Mathematics

Sub-majors:

Applied Mathematics, Astrophysics and Physics

COURSES COMPLETED:

- Software Design
- Advanced Analysis of Algorithms
- Database Fundamentals
- Operating Systems and System Programming

UNIVERSITY OF THE WITWATERSRAND

South Africa , JOHANNESBURG

BACHELOR OF SCIENCE HONOURS IN MATHEMATICAL SCIENCE (RESEARCH IN COMPUTER SCIENCE)

2021

Majors:

Computer Science and Mathematics

Research: I am currently carrying out research on satellite image categorization, which enables me to understand how artificial intelligence and satellite imaging might be used to tackle issues such as the detection of human activities harming the environment, such as deforestation and illegal mining.

Projects

Counting Prime Numbers

PYTHON

2018

- This project calculates how many prime numbers there are between 1 and 1 000 000 by using a Transmission Control Protocol (TCP) for client-server systems.

Brain-Tumor-Segmentation

PYTHON

2021

- The purpose of the project is to develop an automated supervised learning tumor diagnosis system that indicates whether a given brain MRI image represents a patient with tumor.

Satellite image classification using HOG and DAISY Feature Descriptors

PYTHON

2021

- Using feature extraction model and supervised learning to identify and classify satellite images.

Chat-Web-App

HTML, CSS, PHP, MySQL, JAVASCRIPT

2022

- The main idea is to create a secure and efficient chat application, which allows users to communicate wherever they are with speed and reliability.

REFEREES: _____

Ms Oratilwe.D Ramansto

Phomolong Secondary School

TEACHER

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