

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 React JS, java, HTML and CSS, and python
- Basic familiarity of C++, SQL, MATLAB, and JavaScript
- Fundamental understanding of computer hardware and software
- Communication, creativity, teamwork, problem solving, adaptability, Time management, resilience.

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,

HIGHEST GRADE PASSED: GRADE 12

Gauteng, TEMBISA

2011 – 2015

UNIVERSITY OF THE WITWATERSRAND

BACHELOR OF SCIENCE DEGREE (COMPUTER SCIENCE)

South Africa , JOHANNESBURG

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

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

South Africa , JOHANNESBURG

2021-2022 JULY

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.

Chat-Web-App

- FRONT-END: HTML, CSS
- BACK-END: JAVASCRIPT, PHP, MYSQL

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.

Eataliano / deliciouss (A recipe application)

- FRONT-END: REACTJS, HTML, CSS
- BACK-END: USING SPOONACULAR API

2022

- The main idea is to create an application for all who love to cook. This application use Spoonacular food-API to fetch different recipe from all around the world. Access extensive data on product ingredients, nutrition facts, allergens, additives, and search/filter by product or brand.

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.

REFEREES:

Ms Oratilwe.D Ramansto

Phomolong Secondary School

TEACHER

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