

Khomisani Nolitha Gasa

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Objective

To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.

Education

- **University of the Witwatersrand** 2024
BSc Computer Science and Mathematics
- **Thoko Thaba high school** 2021
- **University of the Witwatersrand** Ongoing
BSc honours Mathematics
- **Umuzi Academy** 2024-Ongoing
Umuzi x BBD learnership Web development
- **SheCodes bootcamp** 2023
Web development

Skills

- Mathematical Skills: Calculus, Linear Algebra, Mathematical Modeling
- HTML and CSS
- JavaScript
- Basic knowledge of python
- Git and GitHub
- LaTeX
- Problem solving
- Team work
- Attention to detail
- Effective communication
- Time management
- Willingness to learn
- Basic knowledge in C++

Projects

- **Funding requests management**
Developed a website for managing funding requests, allowing users to submit, track, and review requests efficiently. The project included basic functionality for form submissions, data storage, and user-friendly navigation.
- **Landing page**
Designed an interactive landing page about puppy care, featuring engaging visuals and functionality.

Added images of puppies that enlarge on hover, and implemented a button that triggers a series of pop-ups: asking for the user's name, displaying a personalized greeting, and guiding them through a fun number-picking interaction with a final message

https://s3.amazonaws.com/shecodesio-production/challenge_submissions/files/002/169/282/original/index.html?1712105252

- **My profile**

A simple profile web page

https://kmabasa212.github.io/simple_website/

- **Landing page**

Works similar as the previous page but this one talks about mathematics

https://s3.amazonaws.com/shecodesio-production/challenge_submissions/files/002/083/652/original/project.html?1707868369

- **Rock paper scissors web game**

Play RPS with a computer and your scores are kept on the screen

<https://kmabasa212.github.io/RPS-game/>

Achievements & Awards

- Served as a prefect in 7th grade, demonstrating leadership and responsibility.
- Received awards for academic excellence in high school.
- Participated in the Math Olympiad program in 2021.
- Selected for the Kutlwanong Promaths program in Grade 10.

Interests

- Coding
- Reading
- Watching anime

Languages

- IsiZulu
- English
- IsiXhosa

Reference

- **Ms Maqashalala - ""**
Teacher And boarding house mother
08444494667