ONKABETSE MONAMODI

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GitHub: https://github.com/Duncan413

Educational Background

North-West University   2023 - 2025

Qualification: Bachelor of Science with Computer Science and Mathematics

- Consistently maintained an average of above 75% for my degree thus far(distinction).
- **Expected Graduation Year:** 2026

Activities and Associations:

- Spelling Group – Faculty of Natural and Agricultural Sciences
- Golden Key International Honour Society (Top 15% in my field of study)

Maruapula Secondary School   2018 – 2022

Qualification: National Senior Certificate (NSC) - Grade 12

- Achieved an 89.67% average in the NSC Examinations with 7 distinctions
- Valedictorian at my high school and obtained first place in all the subjects I took
- Ranked number 1 out of more than 11 000 learners in Ramotshere-Moiloa Sub-district
- Ranked 6th from more than 50 000 learners in Ngaka-Modiri Molema District
- Invited to the North-West Province Matric Results Announcement Ceremony as one of the top achievers from the 2022 cohort

Activities and Associations:

- Representative Council of Leaners for two separate years, equipping me with vital leadership, communication and teamwork skills
- Participated in athletics competitions, particularly in sprinting(100m)
- Public Speaking and Debate

Experience

Supplemental Instructor   August 2024 – October 2024(3 months)

Employed by: Center for Teaching and Learning at the North-West University

I was supplemental instructor (SI) for the module APPM-122(Mathematical Modelling & Vector Algebra) offered by the North-West University. My responsibilities include:

- Facilitating SI sessions, guiding students' discussions and problem solving.
- Helping students master the module content and improve their grades.
- Promoting independent learning for students to lessen their dependence on lecturers.

Projects

Personal Website   2024

- **Status:** Complete
- **Programming Languages and Technologies:** HTML, CSS, JavaScript
- I developed this website to document some of the most important things in my life while also learning skills to become an exceptional software developer.

EduExcel   2024

- **Description:** An online quiz platform that allows users to take quizzes on a range of topics. This platform provides an analytic overview of the user's performance on quizzes they have taken and acts as a metric of gauging one's understanding of certain concepts.
- **Status:** Complete
- User authentication | Scoring and feedback | User interface
- **Technologies:** HTML, CSS, JavaScript, React.js, Node.js, MongoDB.

BeatGuess   **2024**

- **Description:** Developing a real-time music guessing game app where users guess song names within 10 seconds and compete against others.
- **Status:** In progress
- User authentication | Music Playback | Scoring and feedback | Multiplayer functionality | Leaderboard | User interface
- **Technologies:** JavaScript, React, CSS, PosgreSQL.
- This project showcases my diverse skills and reflects my passion for both software development and music.

Skills and Qualities

Programming Languages: Java, C++, Python, JavaScript, HTML, CSS.

Frameworks: Express(Node.js), React.js

Technologies: Git, MySQL, PostgreSQL, MongoDB. Postman, Visual Studio Code.

Qualities: Multi-talented, intelligent, driven, focused, confident, passionate, leader, empathetic, good in communication and teamwork.

References

Reference 1: Gopolang Mokotedi (Principal) | 083-882-8320 | maruapulasecondary@gmail.com

Reference 2: Thabo Itumeleng (Lecturer) | 072-603-4692 | itumelengthabo18@gmail.com