

# ONKABETSE MONAMODI

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## Educational Background

### North-West University

2023 - 2025

**Qualification:** Bachelor of Science with Computer Science and Mathematics

- Obtained a first-year average of 75.3% and just above 76% for second year thus far.

#### 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 6<sup>th</sup> 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 Learners 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

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## Experience

### Supplemental Instructor

August 2024 - Present

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

I am currently a 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.

As an SI leader, I model the learning processes necessary for content mastery and I function as a model student, not an authority figure.

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## Projects

### Personal Website

2024

- **Status:** Domain Acquisition
- **Programming Languages and Technologies:** HTML, CSS, JavaScript, Node.js
- 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.

### 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:** Python, Flask, React Native, Firebase, Spotify API
- This project showcases my diverse skills and reflects my passion for both software development and music.

## Skills and Qualities

**Skills:** Teamwork, leadership, communication, creative, adaptability, technical, maths, scientific, problem-solving, analytical skills, coding, Python, C++, Java, JavaScript, HTML, CSS.

**Qualities:** Multi-talented, intelligent, driven, focused, confident, passionate, leader.

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## Relevant Links and References

**LinkedIn:** <https://www.linkedin.com/in/onkabetse-monamodi-a450542b3/>

**GitHub:** <https://github.com/Duncan413>

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

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