

# Rovhona Mudau

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Analytical and driven Computer Science graduate currently pursuing an Honours degree at [University of the Western Cape](#). Passionate about technology, education, and solving real-world problems. Strong foundation in machine learning, tutoring, and software development, with a focus on practical impact and continuous learning.

## EXPERIENCE

**Computer Science Tutor** Feb 2025 – Present  
*University of the Western Cape*

- Assist students with programming concepts, debugging, and algorithms.
- Support for coding assignments and problem-solving.

**Mathematics Tutor** Feb 2024 – Nov 2024  
*University of the Western Cape*

- Tutored first-year MAT105 students on key mathematical concepts.
- Built student confidence in solving problems.

**Machine Learning Intern** Jan 2024 – Feb 2024  
*INTERNCAREER (Remote)*

- Built ML model predicting Titanic survival using Python.
- Performed EDA, preprocessing, and model evaluation.

**Treasurer** Feb 2025 – Present  
*Geekulcha UWC*

- Manage student tech community finances, events, and budgeting.
- Fund and report on hackathons, workshops.

## PROJECTS

**Loan Eligibility System** May 2025

- Streamlit dashboard using logistic regression.
- Includes CSV upload and single user prediction.

**Health Tech Platform** Jul 2024  
*Standard Bank UNIHACK*

- AI chatbot for healthcare accessibility in underserved communities.
- Symptom consultation, medication delivery, appointment booking.

## EDUCATION

**BSc Hons Computer Science** Feb 2025 – Nov 2025  
*University of the Western Cape*

**BSc Computer Science** Feb 2022 – Nov 2024  
*University of the Western Cape*

## COURSEWORK

**Honours:** AI, Cybersecurity, IoT, Advanced Software Eng, Big Data, 4IR

**Undergrad:** ML, OS, Networks, DBMS, SE, Algorithms, Stats, Calc I-II, Discrete Math

## SKILLS

**Programming:** Python, C/C++, JavaScript, Matlab, SQL, HTML/CSS, R, Java

**Technology:** Git/GitHub, Windows, Cybersecurity, AI, Automation, Cloud Computing, Software Dev

## AWARDS

- Participant, 2024 Standard Bank SA Tertiary Mathematics Olympiad

## LINKS

- [GitHub: Rovhona](#)
- [LinkedIn: rovhona-mudau](#)
- [Portfolio Website](#)

## SOCIETIES

- UWC IT Society
- Geekulcha UWC

## REFERENCES

- Prof. D. Solomons — [deosolomons@uwc.ac.za](mailto:deosolomons@uwc.ac.za)
- Dr. Divine Tarla — [dtarla@uwc.ac.za](mailto:dtarla@uwc.ac.za)