Qiniso Mavuso

Bellville, Cape Town, 7535

Mobile: +27711595033 | Email: mavusoqiniso11@gmail.com | Date of Birth: 24 Jul 2000 | GitHub: qinisomavuso | LinkedIn: qiniso-mavuso

Career Objective

Dedicated and highly motivated professional holding a BSc in Computer Science and a BSc Honours in Mathematics, with a Master's thesis in Mathematical Sciences under the field of topology submitted for examination. Seeking a graduate programme and to join an amazing team to expand my knowledge, improve my coding skills, and help the company grow. My strengths lie in my excellent problem-solving skills, ability to work in a team, and willingness to share ideas with peers.

Education

University of the Western Cape — *Cape Town, South Africa*
Masters in mathematical Science — *Jan 2024 - Dec 2025*

- **Achievement:** Mastercard Foundation Scholarship, Issued by Mastercard Foundation.
- **Presentation:**

  12 Sep 2025: Connectedness Im Kleinen and Local Connectedness in Hyperspaces of Metric Spaces, ADEANS VI Conference

  25 Apr 2025: Connectedness Im Kleinen in Hyperspaces of Metric Spaces, Topology for Tomorrow Seminar

  26 Jul 2024: The Vietoris Topology, Topology for Tomorrow seminar

eLwazi — *Cape Town, South Africa*
Research Data Management (RDM) for Data Scientists in Africa 2025 — *Jun 2025 - Jul 2025*

- **Modules:** Introduction to Research Data Management, Data Collection and Acquisition, Standards, taxonomy & Ontology, Data Storage and Security, Data Cleaning and Preprocessing, Data Sharing, Transfer and Encryption, Legal and Ethical Considerations, FAIR Data Principles, Introduction to AI, ML, and DL in Research Data Management and Drafting a NIH Data Management and Sharing Policy.

Yes4Youth — *Cape Town, South Africa*
Yes4Youth Work Readiness Training — *Aug 2023 - Aug 2024*

- **Modules:** Financial literacy, Time Management, Communication, Problem Solving and Critical Thinking, Emotional Regulation and Communication, Money Management.

University of the Western Cape — *Cape Town, South Africa*
BSc Honours in Mathematics — *Jan 2023 - Dec 2023*

- **Modules:** Graph Theory, Measure and Integration Theory, Computational Linear Algebra, Mathematical Physics, Topology and Functional Analysis.
- **Achievement:** Deputy Vice-Chancellor for Research and Innovation Attraction Bursary, Issued by the University of the Western Cape.

University of the Western Cape — *Cape Town, South Africa*
BSc in Computer Science — *Jan 2019 - Dec 2022*

- **Modules:** Operating System, Computer Networks, Machine Learning, Human-Computer Interacting, Software Engineering and Database Systems.
- **Achievement:** University Bursary Award: Senior Merit Award and Student Tutoring and Academic Support.

Bonginhlanhla High School   *Pongola South Africa*

National Senior Certificate   *Jan 2014 - Dec 2018*

Work Experience

University of the Western Cape   *Cape Town, South Africa*

Graduate Lecturer Assistant   *Mar 2024 - Nov 2025*

- Introduction to Mathematics, Integral Calculus and Linear Algebra.
- Coordinating and conducting meetings with tutors before the tutorial session.
- Test marking and recording of marks.

Zaio Institute of Technology   *Cape Town, South Africa*

Tutor Assistant (Remote)   *Aug 2023 - Aug 2024*

- I am part of a group of tutors who assist students with coding using languages such as HTML, CSS, JavaScript, React, Java, and Python.
- Code review and marking.
- One-on-one online sessions.

Ossibe   *Cape Town, South Africa*

Web Developer (Remote)   *Feb 2023 - Feb 2024*

- I specialize in web development using HTML, CSS, JavaScript, and ReactJS.
- I also manage ownership of the company website.
- Using GitHub for storing, sharing, and working together with my team to write code.

University of the Western Cape   *Cape Town, South Africa*

Tutor Assistant   *Mar 2021 - Nov 2023*

- Introduction to Mathematics, Integral Calculus and Linear Algebra.
- Attending and conducting online meetings for the tutorial sessions.
- Marking of the tutorial tests.

Skills

- Problem solving
- Critical thinking
- Teamwork
- Adaptability
- Microsoft Office
- Python, Java, HTML, CSS, JavaScript, MySQL, LaTex, MATLAB

Referees

Prof Paranjothi Pillay | Senior Lecturer | Department of Mathematics and Applied Mathematics | University of the Western Cape

Email: parpillay@myuwc.ac.za

 Mobile: +27837857505

Prof David Holgate | Dean of the Faculty of Natural Sciences | University of the Western Cape

Email: dholgate@uwc.ac.za

Mobile: +27832596643

Dr Mozart Nsuami | Senior Lecturer | University of the Western Cape

Email: mnsuami@uwc.ac.za

 Mobile: +27744865052