

Morris Nkomo

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Professional Summary

Motivated Engineering student with hands-on experience in industrial automation, software development, and data-driven decision-making expandable to various sectors. Proven leadership in student organizations. Enthusiastic about leveraging technical expertise to solve complex engineering and statistical challenges and optimize systems for efficiency and performance.

Education

University of Cape Town <i>Bsc.Eng. Electrical and Computer Engineering</i>	<i>Mar 2021 – Present</i>
SAHETI School <i>Matriculated Commendable Achiever</i>	<i>Jan 2016 – Dec 2020</i>

Experience

AIP Voltage Current Sensing technology — Research Developer <i>UCT, Electrical Engineering department</i>	<i>Cape Town, Western Cape</i> <i>Jun 2025 – July 2025</i>
<ul style="list-style-type: none"> Collaborated with a team to develop a real-time current and voltage sensing system for power applications. 	
Engineering Intern <i>BMH</i>	<i>Benoni, Gauteng</i> <i>Dec 2024 – Jan 2025</i>
<ul style="list-style-type: none"> Maintained and repaired industrial machinery and automation systems Gained hands-on experience with industrial engineering applications 	
EEE1007 Tutor <i>University of Cape Town</i>	<i>Cape Town, Western Cape</i> <i>Aug 2023 – Oct 2023</i>
<ul style="list-style-type: none"> Facilitated tutorial sessions and assisted with coursework understanding 	
Trainee <i>CPUT Techs</i>	<i>Cape Town, Western Cape</i> <i>Nov 2022 – Jan 2023</i>
<ul style="list-style-type: none"> Completed training in automation, welding, fitting, and software development Developed hands-on technical skills across multiple engineering disciplines 	
Engineering Assistant <i>Siyanda Engineering</i>	<i>Germiston, Gauteng</i> <i>Dec 2021 – Jan 2022</i>
<ul style="list-style-type: none"> Shadowed engineers in consultations and design projects Observed engineering practice in consulting environment 	
Private Tutor <i>Tutorials by Tijana (Online)</i>	<i>Edenvale, Gauteng</i> <i>Feb 2021 – Mar 2023</i>
<ul style="list-style-type: none"> Delivered personalized online tutoring sessions for physics and mathematics 	

Leadership & Service

Block Chair - Treasurer <i>Forest Hill Residence, UCT</i>	<i>Cape Town, Western Cape</i> <i>Mar 2025 – Present</i>
<ul style="list-style-type: none"> Manage residence events and facilitate community building initiatives Promote inclusivity and support student welfare within residential community 	
Transformation Council Chairperson <i>Residence Life, UCT</i>	<i>Cape Town, Western Cape</i> <i>Oct 2023 – Sep 2024</i>
<ul style="list-style-type: none"> Spearheaded strategic planning and implementation of transformation initiatives Led institutional change efforts within university residence system 	

House Committee Member*Forest Hill Residence, UCT*

- Contributed to residence governance and student life programming
- Supported community building and student welfare initiatives

*Cape Town, Western Cape**Sep 2023 – Sep 2024***Gender Marshal***Forest Hill Residence, UCT*

- Promoted gender inclusivity and supported diverse student community
- Facilitated educational programming and awareness initiatives

*Cape Town, Western Cape**Mar 2023 – Apr 2024***Executive Committee Member***UCT IEEE Student Chapter*

- Oversaw marketing, public relations, and event planning activities
- Increased student engagement by 43% through strategic initiatives

*Cape Town, Western Cape**Aug 2022 – Sep 2024***Inkanyezi Logistics Co-Ordinator***Ubunye*

- Coordinated logistics for mentorship program supporting underprivileged Grade 11 learners
- Managed program operations and student support services

*Cape Town, Western Cape**Feb 2022 – Oct 2023***Youth Leader***Edenvale Baptist Church*

- Engaged with youth members to foster community and development
- Organized and led youth programs and activities

*Edenvale, Gauteng**Nov 2019 – Jan 2021***Awards & Achievements**

- Winner - Siemens Energy Transition Competition(2025)
- UCT Plus Gold Award (2024)
- Winner - RS Student Project Fund(2023)
- UCT Plus Silver Award (2023)

Certificates

- CPR, First Aid, and AED Certified (2023)

Skills

Programming Languages: Python, C, Java, SQL, HTML, MATLAB**Software & Tools:** AutoCAD, Microsoft Office Suite, Linux**Languages:** English (Native), Zulu (Conversational), Greek (Beginner)**Interests:** Mountain Climbing, Surfing, Coffee Making, Golf**Additional Experience**

Front Desk and Host*Tribes Restaurant*

- Handled reservations and addressed customer service queries
- Developed professional communication and hospitality skills

*Johannesburg, Gauteng**Nov 2023 – Jan 2024***Inventory Clerk***Lethabong Stationers cc*

- Managed inventory and bookkeeping; resolved customer queries across multiple channels.

*Edenvale, Gauteng**Jun 2021 – Jul 2021***References**

Available upon request