

# Lukhanyo Rode

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## Education

- 2022                    **Masters of Engineering (Chemical)** Stellenbosch University  
(Expected to graduate in 2023)
- 2018-2021           **Bachelor of Engineering (Chemical)** Stellenbosch University
- 2013-2017           **National Senior Certificate** Matthew Goniwe Memorial High School, Cape Town

## Community involvement

2018-Present       Tutor at Ikamva Youth (Makhaza), Mathematics and Physical Science

## Leadership

- 2022                    Head of Science at Ikamva Youth (Makhaza)
- 2017-2018           Member of the RCL (IT department)
- 2016-2017           Deputy president of the RCL

## Skills

### Teaching and facilitating

- Tutor at Ikamva Youth (Makhaza)

### IT and computer

- Use of software's: Aspen plus V11®, MATLAB, Excel 2016, Autodesk AutoCAD®

### Communication

- Language: Xhosa (fluent) and English
- Public speaking skills developed through class representation and teaching at Ikamva Youth (Makahaza)

## Work experience

December 2020-January 2021 **Vacation work student**, LogiChem, Wellington

- Heat exchanger design (shell and tube)
- P&ID and valve list review
- Quality assurance assistance this included checking parts that were delivered against the relevant drawings
- Equipment assembly (distillation column cartridge tray assembly)
- Pump selection, pipe design and instrumentation/control

## More about myself

I believe in making positive change within our communities. Therefore, I will always quote myself as saying “live to inspire”. I want to enhance my professional skills, capabilities and knowledge in an organisation which recognizes the value of hard work and trust me with responsibilities and challenges. I enjoy cooking, not that I am great cook, but I can make a nice meal. I am also a person who enjoys helping other people.

## Referees

- Ahmed Bashir Madhi                      Teacher at Matthew Memorial High School  
Cell number: 073 000 3851  
Email address: [madhibay@yahoo.com](mailto:madhibay@yahoo.com)
- Busisiwe Dayimani                      Works at Ikamva Youth  
Cell number: 061 223 0174  
Email address: [busi@ikamvayouth.org](mailto:busi@ikamvayouth.org)
- Claudia du Plooy                      Works at LogiChem  
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