Contact Details

Mobile: +27 79 124 2245| Email: lusungu.nkhoma61@gmail.com

Residential Area: Dubai | Availability: 4 weeks notice

**LinkedIn Profile:** https://www.linkedin.com/in/lusungu-molefi-24b68024b/

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| **Personal Profile** |

Name: Lusungu Molefi

Date: 29 May 1990

Place of birth and nationality: Blantyre, Malawi – Malawian

Address: Wilgeheuwel, Roodeport, Gauteng, 0001, South Africa

Gender: Female

Driver’s License: Code B

Languages: English, French, Chichewa and Sesotho

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| **Profile Summary** |

Ms. Lusungu Molefi is currently a PhD Candidate with the University of Johannesburg’s Faculty of Science. Her Doctoral research focuses on package waste management from e-commerce business. She completed her Master of Science in Environmental Sciences in 2019 from the University of the Witwatersrand. Her Masters research focused on “*Litter decomposition as a function of temperature and land use,*” which aimed to demonstrate the significant effect of climate change on soil carbon storage and decomposition rate constants in different biomes.

Ms. Molefi completed her Bachelor of Science (BSc) Honours in Animal, Plant and Environmental Sciences (With Distinction) in 2016 at the University of the Witwatersrand and obtained her BSc in Environmental Sciences degree from the University of Pretoria in 2015. She received her International Baccalaureate Diploma in 2008 from the International School of Lusaka (Zambia). She participated in the United Nations Environmental Programme (UNEP) TUNZA initiative and has substantial experience working in the academic field and actively participating in water and environmental related projects.

Her interests are in environmental governance, water and waste management, and the mitigation of future environmental risks in Africa and the rest of the world. She aspires to lead a strategic position within an international organisation to influence positive changes and effective policies on environmental issues.

Apart from passing her BSc Honours with distinction, Ms. Molefi’s achievements include being awarded the Teaching Assistant Prize at the University of the Witwatersrand in 2018, and receiving the Postgraduate Masters Merit Award in both 2017 and 2018, with support from the National Research Foundation, through the Research Chair in Global Change and Systems Analysis.

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| **Core Skills and Attributes** |
| * Efficient planning and organising skills.
* Excellent communication skills.
* Multilingual (English, French, Chichewa and Sesotho- Proficient to beginner levels)
* Able to work with individuals from diverse cultures and professions.
* Commendable time management.
* Sociable.
* Computer skills (Microsoft Office tools).
* Proactive.
* Sustainable development advocate and environmentally conscious.
* Ability to work under pressure.
* Individual worker and team player.
* Self-driven and self-disciplined.
* Professionalism and inclusivity.
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| **Education** |
| **Qualifications** | **Majors / Subjects / Focus** | **Institution** | **Year** |
| Doctoral (PhD) degree studies | Research focus: *Package waste management from e-commerce businesses* (Under review). | University of Johannesburg | 2023 – in progress  |
| Master of Science (MSc): Environmental Sciences | Coursework and Research Report.Research focus: *Litter Decomposition as a function of temperature and land use.* | University of the Witwatersrand | 2017 – 2019  |
| Bachelor of Science (BSc) Honours (with distinction) | Research Focus: *Animal, Plant and Environmental Sciences.*Majors: Freshwater Science, Global Change, Enabling Skills. | University of the Witwatersrand | Jan 2016 – Dec 2016 |
| Bachelor of Science (BSc): Environmental Sciences  | Majors: Environmental Science, Geographic Information Systems, Development Frameworks, Population Ecology, and Sustainable Development. | University of Pretoria  | 2009 – 2015 |
| International Baccalaureate Diploma | English, Biology, Chemistry, French, Business Management, Mathematics.  | International School of Lusaka (Zambia)  | 2006 – 2008 |

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| **Work Experience** |
| **Position** | **Institution** | **From** | **To** |
| Teaching Assistant  | University of the Witwatersrand | 2016 | 2019 |

**Overview:**

Provide support to the course instructor to ensure the effective grading of assignments and to foster a positive learning environment.

**Key Responsibilities:**

* Assisting faculty with classroom instruction, records, and assignments
* Assisting with marking student assignments and tests.
* Support the grading of assignments and papers.
* Provide support to students with their lab-related tasks and work.

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| **Work Experience** |
| **Position** | **Institution** | **From** | **To** |
| Exam and Assignment Marker  | Insurance Academy of Botswana | 2015 | 2022 |

**Overview:**

Provide support to the course instructor to ensure the effective grading of assignments and to foster a positive learning environment. Ensuring grading accuracy and fairness of the examination and assignment marking processes.

**Key Responsibilities:**

* Marking of exams and assignments.
* Ensuring marks are entered and correctly updated in a spreadsheet.

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| **Position** | **Institution** | **From** | **To** |
| Intern | Ministry of Agriculture, Irrigation and Water Development (Lilongwe, Malawi) | December 2011 | January 2012 |

**Overview:**

Provide support to the Department’s project activities.

**Key Responsibilities:**

* Assessment of projects focusing on water quality and pollution control.
* Analysis of biochemical oxygen demand, dissolved oxygen and pH levels.
* Contribute towards project reports.

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| **Publications and Research**  |
| **Name of article / report / presentation** | **Institution**  | **Date published** |
| Research report: Litter decomposition as a function of temperature and land use | University of Witwatersrand | December 2018 |
| Presentation: Environmental impact of South Africa’s transition from coal to the hydrogen economy on its water resources | Human Sciences Research Council | November 2023 |

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| **Notable Participatory Achievements and Awards** |
| **Role / Award** | **Company** | **Details** | **Date** |
| Presenter and participant | Human Sciences Research Council (HSRC) Hydrogen Energy Conference (Pretoria) | Presented a draft paper I authored on “*Environmental impact of South Africa’s transition from coal to the hydrogen economy on its water resources”.* | November 2023 |
| Postgraduate Masters Merit Award | University of Witwatersrand | Awarded for acquiring and average mark of 75% or above for my Honours degree. | January 2017 – December 2018 |
| Participant | TUNZA (United Nations Environmental Programme, Johannesburg) | Participated in the United Nations Environmental Programme (UNEP) TUNZA initiative, which aims to develop capacity, raise awareness on environmental issues, and information exchange. | November 2011 |

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| **Language Proficiency** |
| **Language** | **Read** | **Write** | **Speak** |
| English (First language) | Highly proficient | Highly proficient | Highly proficient |
| French  | Highly proficient | Proficient | Intermediate proficiency |
| Chichewa | Intermediate proficiency | Intermediate proficiency | Intermediate proficiency |
| Tumbuka (Native language) | Intermediate proficiency | Intermediate proficiency | Intermediate proficiency |
| Sesotho | Familiar | Familiar | Familiar |

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| **References**  |
| **Name & Surname**  | **Position, Organization and Relationship**  | **Contacts** | **Email** |
| Dr. Mapula Matimolane | Lecturer, University of the Witwatersrand, Honour’s Supervisor | +27 11 717 6483 | Mapula.matimolane1@wits.ac.za |
| Shepherd Murashiki | CEO, Insurance Academy of Botswana, Former Manager |  | shepherd@iab.co.bw |