

Vusumuzi Tshepang Gaeatlholwe

48 Ballyclare Drive, Bryanston, Sandton | +27 74 261 9042 | vusigae@gmail.com | <https://github.com/Vusi-Gae>

EDUCATION

University of Johannesburg	Auckland Park Campus
<ul style="list-style-type: none">MA in Geography (GIS & Remote Sensing)	2019 – 2021
<ul style="list-style-type: none">BA Hons in Geography (GIS and Remote Sensing)	2018
<ul style="list-style-type: none">BA in Geography and Anthropology	2015 – 2017

WORK EXPERIENCE

Woolpert Africa	Johannesburg
Geospatial Technician III	January 2020 – Present
<ul style="list-style-type: none">Produce high-quality maps and visualizations to communicate complex spatial information effectively.Development of 3D dynamic cartography and modelling.Applied Remote SensingBathymetry surveyHandling in-depth Quality Control of LiDAR data products	

CERTIFICATIONS

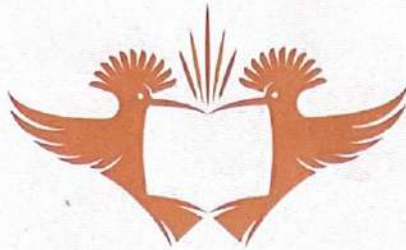
ALX – Africa	Nairobi, Kenya
<ul style="list-style-type: none">Certificate in Software Engineering (Backend)	2023 - 2024

SKILLS

Technical skills
GIS Skills: Spatial Analysis and Modelling, Web GIS Development, Geodatabase Management
GIS Tools: ESRI software, Quantum GIS, Field Maps, Survey123, Global Mapper, Bentley MicroStation
Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm
Languages: Python, C, JavaScript, SQL (MySQL, PostGIS), Linux
Frameworks: React, Node.js, Flask, FastAPI
Libraries: pandas, NumPy, Matplotlib
Transferable Skills
Strong analytical and quantitative skills, Detail-oriented, Adapt quickly to new environments

REFERENCES

University of Johannesburg	Auckland Park Campus
<ul style="list-style-type: none">Prof. K.E Langerman 011 559 2428/+27 83 704 2543 klangerman@uj.ac.za	Lecturer (Energy studies)
Woolpert Africa	Johannesburg
<ul style="list-style-type: none">Mr. E Mokoena +27 71 989 3076 ernest.mokoena@woolpert.comMrs. M.L Mashau +27 72 296 4326 laura.mashau@woolpert.com	Tech Lead Team Lead



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with field of study

with specialisation in Geography and Anthropology

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Vice-Chancellor

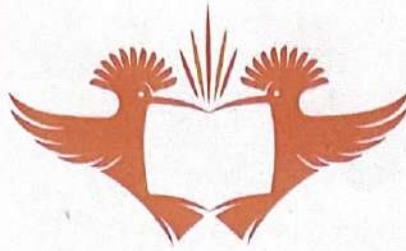
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CERTIFICATE OF COMPLETION

This is awarded to

Tshepang Gaeatlholwe

For completing a 12 Month ALX Software Engineering Programme with a specialization in Back-end.



FRED SWANIKER
Founder & CEO, ALX Group



JULIEN BARBIER
Chief Product Officer, ALX

Date of issue: 21st June 2024

Program completion date: 7th June 2024

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