Gabrielle Grobler

⊚ Cape Town, South Africa

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Skills

GIS Tools
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ArcGIS Pro, QGIS, ArcMap, ENVI, Geoda, TerrSet , SAGA

Programming
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Python, R, Google Earth Engine

Microsoft Office
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Excel, Word, PowerPoint

Field Work
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GNSS, GPS, LAI Ceptometer, Disc pasture meter, Ground-based LiDAR, UAV (drone) exposure, Chlorophyll meter, Airborne LiDAR

Awards

Nomination for the SSAG Honors Project Award
Society of South African Geographers
2024
🔗 https://www.ssag.co.za/

Profiles

○ GabbyGrobler

in Gabrielle Grobler

Experience

MAP Scientific Services	**January 2024 - Present**
Junior GIS Analyst	Pretoria

🔗 https://mapss.co.za/

As a Junior GIS Analyst at MAPSS, I managed geospatial data workflows using ArcGIS, interacting with customers and acted as the technical lead on major projects. I demonstrated a solid grasp of GIS theory and practical experience while effectively collaborating with team members. My work involved a tech stack of Python, R, Excel and ArcGIS Pro.

Research Biosphere	**January 2023 - Present**
Part Time - Postgraduate Research Assistant	Pretoria, South Africa

🔗 https://researchbiosphere.org/

As a Postgraduate Research Assistant, I supported research efforts, specializing in qualitative research methods. I worked effectively within a team setting, actively contributing to collaborative projects and discussions.

SIQ Spatial Intelligence	**October 2022 - December 2023**
Assistant GIS Analyst	Pretoria

🔗 https://www.siq.co.za/

In my role as an Assistant GIS Analyst, I utilized ArcGIS Pro software to analyze geospatial data. I had the privilege of contributing to the 2022 Western Cape Agriculture Census by employing remote sensing techniques and performed analysis using ArcGIS Pro software. Additionally, I provided training to potential employees, ensuring they were proficient in utilizing GIS tools and techniques.

Education

University of Pretoria	**2020 - 2022**
Environmental Science	BSc Degree

Majors:

• Geographic Information Systems

• Remote Sensing

• Environmental Theory & Law

• Environmental Change

• Botany, Zoology, and Ecology

University of Pretoria	**2023**
Geography and Environmental Science	BSc Honors
Cum Laude	

Majors:

• Advanced GIS

• Advanced Remote Sensing

• Environmental Assessments

Projects

BSc Honors Project	**2023**

Establishing a baseline of land use and land cover change for the Kaaimans catchment in the Garden Route Biosphere Reserve using GIS and remote sensing techniques

🔗 https://researchbiosphere.org/