

Curriculum Vitae of PHOZISA FAITH MAMFENGU

Personal Details	
Previous Position	Assistant Manager: Geographic Information Systems (GIS)
Contact Number/s	0745800402/ 0845514015
Email Address	mamfengu@gmail.com
Postal Address	13 Nienaber Street, Elandspark Johannesburg 2197
Residential	Kosktad; KZN
Age	34 years old
Gender	Female
Demographic	African
Languages	Xhosa, English, South Sotho & Zulu
Nationality	South African
Driver's Licence	Code 10

QUALIFICATIONS:

Professional Registration			
Year	Category	Professional Body	Comments
2017	Geomatics Professional: Geographic Information Systems GP:GISc 1454	South African Geomatics Council	Results attached.
Academic Qualifications			
Year	Qualification	Institution	Comments
2006	Master of Science – Human Geography (GIS & Remote Sensing): Research : Using GIS & Remote Sensing to assess habitat suitability of a proposed community game reserve in Peddie.	Nelson Mandela Metropolitan University (NMMU)	Qualification completed. 1 Paper published from Thesis.
2004	Bachelor of Science, Honours Geography (GIS)	Nelson Mandela Metropolitan University (NMMU).	Qualification completed with 2 Distinctions
2003	Bachelor of Arts Degree: <u>MAJORS</u> : Geography & Sociology	Vista University, Port Elizabeth Campus (Now NMMU)	Qualification completed

2000	National Diploma: Computer Literacy	Megabyte Computer & Business School (Cape Town)	Distinction pass
1999	Matric	St Margaret's Senior Secondary School Matatiele	Exemption pass

Various Certificates obtained

Year	Course Name	Institution / Comment
2011	Introduction to ArcGIS Server Creating Effective Web Applications (CEWA)	ESRI, Port Elizabeth
2008	Building Geo-Databases	GIMS, Port Elizabeth
2006	Working with Spatial Analyst	GIMS, Port Elizabeth
2015	Introduction to Geoprocessing Scripts Using Python Working with the Data Interoperability	ESRI, Durban

Work Experience

Company	Alfred Nzo District Municipality, Mount Ayliff
Period	March 2009 to April 2017
Position	Assistant Manager: Geographic Information System (GIS)

Responsibilities

- Develop, implement & manage all the GIS related policies and strategies.
- Coordinate and monitor GIS data capturing projects (Water Infrastructure, Municipal Fixed Assets, Rural & Urban Sanitation, Tourist Facilities, Disaster Incidents as well as LED projects).
- Address technical issues through the provision of professional advice on various GIS issues.
- Prepare, implement and monitor budget expenditure for the GIS Unit.
- Control outcomes associated with utilization, productivity and performance of GIS personnel.
- Oversee production of GIS output including maps & reports as per user requirements.
- Ensure the GIS web server is functioning well and updated regularly.
- Provide GIS support to both the District & Local Municipalities through Shared Service.
- Building relationships with the relevant stakeholders within the District & Eastern Cape Province.
- Acting Manager for Local Economic Development Section for 3months.

Systems used: Microsoft Office; ArcGIS.

Reason for leaving: End of Contract.

Company	South African National Parks (SANParks)
Period	Jan 2006 to Sep Feb 2009
Position	GIS Scientist

Responsibilities:

- Spatial Data gathering by means of a GPS and digitizing from satellite images & Aerial Photos.
- Scanning images and georectifying them
- Capturing & continuously updating attribute data.
- Responsible for map production & supporting surrounding National Parks with their mapping needs.
- Updating, archiving & maintaining Geo-Database (i.e Park boundaries, tourist facilities etc.)
- Compiling reports or metadata on spatial datasets both Raster & Vector.
- Performing customised queries on the GIS & the database.
- Provide GIS support for park management plans
- Sattelite Imagery Interpretation & Spatial analysis using a DEM.
- Project Management (poster production project for park use zones).

Systems used in this role: Microsoft Office; ArcGIS, Idrisi Kilimanjaro.

Reason for leaving: Growth opportunity

Company	Environmental and Rural Solutions, Matatiele
Period	December 2004 to February 2005 (Holiday Job)
Position	GIS Officer

Responsibilities:

- GIS Data gathering and capturing by means of a GPS (groundtruthing).
- Digitizing from aerial photographs.
- Editing & Updating the attributes of the spatial datasets.
- Map production for Environmental Management Plans.
- Updating and Maintaining GIS database.

Summary of Skills Acquired

- Project Management Skill
- Human Resource Management Skills
- Budget and Financial Management skills
- Technical skills
- Presentation Skills
- Communication Skills

References	
Prof V. Kakembo (Master's Project Supervisor) Proffesor & HOD Geosciences: NMMU South Campus	Cell: 083 5288 525/ Tel: 041 504 4516 Email: Vincent.Kakembo@nmmu.ac.za
Mandy Bambeni (Former Supervisor) HOD: Planning & Economic Development. ANDM	Cell: 0824492811/ Tel: 0392545024 Email: bambenim@andm.gov.za
Mr C Carter (Associate) Managing Director: MHP Geospace	Cell: 0827864083 Email: carterc@mhpgeospace.co.za