

CURRICULUM VITAE

Mthobeli Vaaltyn

2880 Dwarhane Street

Browns Farm

Philippi

7785

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PERSONAL DETAILS

Surname : Vaaltyn

First Name(s) : Mthobeli

Date of Birth : 18 February 1990

Identity Number : 900218 5896 088

Gender : Male

Marital Status : Single

Nationality : South African

Home Language : Xhosa

Other Languages : English, isiZulu

Driver's License : Code 10 (C1) with PrDP

Criminal Record : None

SECONDARY EDUCATION

Last School Attended : Oscar Mpetha High School

Highest Grade Passed : Grade 12 (Matric)

Subjects Passed : English; Xhosa; Physics; Maths; Life Orientation; Geography, Life Science.

Year Obtained : 2009

TERTIARY EDUCATION

Qualification : National Diploma in Cartography and Geographic Information Science (GISc).

Name of Institution : Cape Peninsula University of Technology

Year Obtained : 2014

Qualification : ArcGIS Basic Certificate

Name of Institution : Esri South Africa

Year Obtained : 16 Feb 2015

Qualification : ArcGIS Standard Certificate

Name of Institution : Esri South Africa

Year : 06 July 2015

Qualifications : Building Geodatabase 10.3

Name of Institution : Esri South Africa

Year : 29 June 2016

SOFTWARE PROFICIENCY

- Microsoft Office Suite
- Esri ArcGIS Suite
- GPS
- Quantum GIS (QGIS)
- Pathfinder Software
- Trimble eCognition
- Grass
- Knowledge Base Civil Designer
- AutoCAD 2015 and Ally CAD
- Python

REGISTRATION BODIES

- 1) **GT 1903** – SOUTH AFRICAN COUNCIL FOR PROFESSIONAL AND TECHNICAL SURVEYORS

KEY CAPABILITIES

- GIS Data Capture and Topological Structuring
- Query, Modeling and Analysis of Spatial Data
- Data Quality Management
- Aerial photo interpretation
- Remote Sensing and Image Analysis
- Map Design and Map Production (Cartography)
- Project Management
- Research and Development
- Property Management
- Problem identification and solving

Communication and Leadership Skills:

I am able to:

- Communicate and network effectively.
- Take control and exercise leadership, initiate action, give direction and take responsibility.
- Support others, show respect and positive regard for them.
- Put people first, working effectively with individuals, teams, clients and staff.
- Behave consistently and uphold a high level of professionalism.

WORK EXPERIENCE

Company Name : **Esri South Africa (Cape Town)**

Job Title : GIS Technician

Duties Involved in different project of water mapping for City of Cape Town, Knysna Municipality , George Municipality and Stellenbosch Municipality performing the following:

- Integration and modelling of spatial data from different sources.
- Capturing Data using GPS
- Data Capturing of services (Water, Storm water, Electricity sewer and Roads)
- Updating George Municipality Billing Viewer cadastral.
- Creating raster and vector Maps for George Municipality project
- Classified maps to display different categories.
- Updating SG Number, using deeds website
- Change detection and compilation of spatial changes.
- Gerefencing Survey plan and old maps
- Digitize areas with storm water pipe and Services
- Capturing storm water pipe, sewer pipes water pipes and electrical power lines etc
- Mentoring Students

Duration : 05 January 2015 – 31 May 2017

Reason for leaving : Contract expired

Company Name : **City of Cape Town (Solid waste Department, Planning)**

Job Title : Geographic Information & Management (Intern)

Duties

- Creating raster and vector Maps for all Solid waste depot
- Processing the GPS data using GPS path finder software and projecting this data into ArcGIS Conflict resolution with regards to property boundaries, servitudes and other property related matters.
- Updating the Informal Settlement Boundary and Informal Settlement Point layer that is currently displayed on the Corporate ISIS viewer Facilitating valuation and surveying services when required.
- Conducting inspections as part of State Land Administration.
- Capturing illegal dumping hotspot using GPS.
- Drafting reports on condition.
- Digitize informal settlement to calculate the number of informal settlement around Cape Town.

Duration : 01 January 2014 – 31 December 2014

Reason for Leaving : Contract Expired.

Company Name : **Web suffer Internet Cafe**

Job Title : Clerk & Administrator

Duties

- Typing CV and Assignment for Clients.
- Designing.
- Photocopying.
- Printing.
- Creating email Count for client etc.

Duration : 01 January 2011 – 16 December 2011

Reason for Leaving : To Further my Career.

Company Name : **Rialto Food Pty Ltd**

Job Title : General Worker

Duties

- Cleaning.
- Packing products.
- Labeling product.

Duration : 20 January 2010 – 22 December 2010

Reason for Leaving : Casual.

REFERENCES

Mr. Stephen Canter – Regional Manager (Western Cape)

Esri South Africa

Tel: +27 21 422 4620

Email: scanter@esri-southafrica.com

Ms Othelie Muller – Manager (Geographic Information & Management)

City of Cape Town, Solid waste department: Planning

Tel: +27 21 400 2115

Cell: 083 330 0227

Email: Othelie.muller@capetown.gov.za

Mr K. Musungu - Lecturer (Remote Sensing & Data Quality Management)

Dept. of Civil Engineering & Surveying

Cape Peninsula University of Technology

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Mr S Motala - Lecturer (Map Projection & Spatial Analysis)

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