

---

# CURRICULUM VITAE FOR DESIRE MUNYIKWA

Home Address: 6544 Tshovani, Chiredzi, Zimbabwe  
Mobile contact: +263777820156  
Email: [desiremunyikwa@gmail.com](mailto:desiremunyikwa@gmail.com)

---

## Profile

I am a holder of an Honors Degree in Surveying and Geomatics with at least four years of survey and GIS work experience. I possess an excellent ability to collect and interpret geographical data. Capable of applying analytical and problem solving skills to clearly present requested geographic data in a way that is easy to understand. Able to work under pressure and delivering results within set timeframes.

---

## Education and Qualifications

<b>BSc.</b>	BSc. Honours in Surveying and Geomatics(Midlands State University) <b>2018</b> Degree Class: <b>2.1</b>
<b>3 A' Level Passes</b>	Mathematics, Physics and Geography - <b>2012</b>
<b>10 O' Level Passes</b>	Including Mathematics, English and Sciences - <b>2010</b>

---

## Associated Experience

March 2021-to  
date

### **GIS Technician, GreenFuel** **Duties and Responsibilities**

- Interpreting aerial photography or imagery
- Processing of Aerial photography
- Crop monitoring using satellite imagery
- Using UAV for Pests and disease control
- NDVI and NDRE analysis and reporting
- Performing tractor GPS Calibrations for auto-guidance
- Creating as-built maps
- Maintaining and modifying existing GIS databases.
- Review existing and new data for currency, accuracy, usefulness, quality, or completeness.
- Analysing GIS data to identify spatial relationships
- Displaying results of analyses, using maps, graphs, or tables.
- Convert data collected from field operations into GIS database with proper and accurate spatial location.
- Creating maps for Mobile Navigation around estates

Oct 2019 –  
March 2021

**Surveyor Graduate Trainee (GreenFuel)**

**Duties & Responsibilities:**

- Construction surveys (setting out and leveling)
- Irrigation/ drainage surveys (Drip & Layflat)
- Construction and maintenance of drainage network
- Canal and storage dam construction
- Roads setting out
- Conducting topographic and as-built surveys
- Map making and designing
- Projects supervision

Jun 2018 – Jun  
2019

**GIS technician, Zimbabwe Innovative Technologies (ZIMIT)  
(Marondera Municipality)**

**Duties:**

- Digitizing and mapping
- Data collection
- Creation of web-based geo-database
- Update and maintenance of data for accuracy and consistency
- Spatial analyses
- GIS user training

Oct - Nov 2018

**Data Collector, Allied Systems**

- Route planning
- Collection of household data using Survey123 (ArcGIS)

Aug2016-  
Aug2017

**Intern, Chiredzi Town Council**

**Duties:**

- Geo-database creation, updating and maintenance
- Digitizing and mapping
- Performance reporting
- Leveling of sewer line and drainage
- Topographic surveys using GPS equipment
- Road Condition Survey(ZINARA) using ArcGIS Collector
- Peg Identification/ Relocation
- General Office work

---

**Other Details & Experience**

**2018 to date** Member of Zimbabwe Institute of Geomatics (ZIG)

June – Oct  
2019 *Till operator, N. Richards Chiredzi Cash and Carry*

Jan - April  
2013 *Relief Teacher, Ministry of Education (Kyle Primary School,  
Triangle)*

---

---

## Key I.T. / Technical Skills

- Microsoft Office
  - Survey Equipment(GPS, Laser/Auto/Dumpy Level, Total station)
  - AUTOCAD
  - GIS software(ArcGIS, QGIS, PostgreSQL database (PostGIS)
  - Surpac Surveying Software
  - Programming languages: Python (Django web framework), PHP, Javascript
  - Model Maker
  - OptiSurface Designer
- 

## Personal Details

Gender: Male

Marital status: Married

Languages: Shona and English

Nationality: Zimbabwe

## Personal Attributes

---

- Hard working
  - Able to work in a team
  - Able to work under pressure
  - Good communication skills
  - Flexible and adaptive
- 

**Interests include:**

- Researching
- Travelling

---

## REFERENCES

Mr. Mlambo (Snr. Surveyor, GreenFuel)	+26377 139 9334
Mr. M. Chideu (Surveyor, GreenFuel)	+263 77 8172440
Miss Rejoice Musiiwa (GIS, GreenFuel )	+263 77 8642032

---