

# CURRICULUM VITAE

## FOR

### RUVIMBO NYAMUGUNDURU


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#### Description

A GIS and environmental research specialist with experience in geospatial analysis, sustainable agriculture monitoring, and data visualization. Recently completed a dissertation on the adoption and environmental impacts of Conservation Agriculture (Pfumvudza) using Google Earth Engine and QGIS. Gained practical skills in land mapping and spatial data collection during an internship at the Surveyor General's office. Skilled in remote sensing, vegetation index analysis, and spatial statistics. Experienced in using mobile data collection tools such as ODK and KoBoToolbox for participatory mapping and field surveys, and continually expanding her expertise through reputable GIS and data science courses.

#### Personal & Contact Details

 16181 Damofalls Park, Ruwa, Zimbabwe

 +263772986901

 ruenyamugunduru@gmail.com

**Sex:** Female

**Marital Status:** Single

**Date of Birth:** 26/06/2001

**Occupation:** Student

**ID Number:** 63 2332615 J 34

**Citizenship:** Zimbabwean

**Languages:** English (fluent), Kiswahili (partly), Chinese (beginner) and Shona (mother tongue)

#### Professional Statement

Dedicated and detail-oriented Geospatial Analyst with expertise in GIS, remote sensing, and environmental monitoring. Proficient in land use/land cover mapping, vegetation indices, statistical analysis, and spatial impact reporting. Proven experience in agricultural research, classification methods, and data-driven environmental analysis

### **Core Competences & Skills**

Geospatial Data Analyses & Management  
Mapping and visualisation  
Data collection, entry & processing  
Image acquisition and preprocessing  
GPS and navigation  
R studio  
ArcMap, QGIS and Google Earth Engine  
KoBoToolbox, ODK

### **Attributes and Strengths**

Quick to grasp concepts  
Good organisational Skills  
Multi-tasking  
Able to independently complete tasks  
Positive attitude towards work

### **Education**

**Degree Program:** Bachelor of Science Honours Degree in Geographical Information Science and Earth Observation (HGISEO), Began October 2021(*Pending*)

**Institution:** The University of Zimbabwe

**A Level:** 4 A-level passes in Pure Mathematics, Accounting, Economics and Geography.

**Institution:** Kriste Mambo Girls' High School

**O level:** 11 O levels, including Mathematics, English, and Science.

**Institution:** Kriste Mambo Girls' High School

### **Extra-Curricular Activities**

- Member of the Open Street Map Zimbabwe.

## **Professional Experience**

### **Surveyor General, Zimbabwe**

**Position:** GIS and Remote Sensing intern

**Duration:** January 2022 to September 2023

**Duties:** Data collection and cleaning, Cadastral mapping, Image preprocessing, data visualization, Map Digitizing

## Research Projects & Forthcoming Publications

1. **Evaluating the Adoption of Conservation Agriculture (Pfumvudza) in Goromonzi District, Zimbabwe**
  - Forthcoming publication based on dissertation research using Google Earth Engine and QGIS.
2. **Changing Trends in Land Use and Ecological Dynamics in Matobo District**
  - Ongoing research investigating LULC changes and environmental impacts using remote sensing and ecological indicators.

## REFERENCES

Dr S. Kusangaya	MR A. Mazhindu
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