

NCHOOLWE PROGRESS SINAMPANDE CV

Personal Information:

NAME & SURNAME:	Nchoolwe Progress Sinampande.
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NATIONALITY:	Zimbabwean.
NATIONAL I.D:	79-152165-L-06.
DATE OF BIRTH:	31-01-1995.
GENDER:	Male.
STATUS:	Single.

Summary:

I am a 24-year-old Zimbabwean who lives in Binga, I hold a class 2.1 BSc Honors Geography Degree in Human-Environment majoring in Geo-information science and remote sensing, awarded by the University of Zimbabwe. For my dissertation, I specialized in spatial data infrastructure and designed a geoportal prototype. Link: <https://www.snapsgeoprtal.com/>. I worked for Scientific and Industrial Research and Development Center (SIRDC) in Harare under the Geoinformation and Remote Sensing Institute (GRSI) from August 2017 to July 31 2018, as an intern. During that time, I participated in Agricultural Mechanization Projects, mapping Ruwa Local Board Cadaster including creating subsequent spatial database, Geo-information systems and Remote Sensing trainings and was awarded a Certificate in GIS and Remote Sensing. I authored an installation manual document for SMAP Server, link: <https://www.smap.com.au/downloads.shtml>. I have worked as a consultant individually as well as with Dr P. Tagwireyi and Prof Mdulaza's, in their consultancy projects as listed on Table 1.

Key qualifications:

1. BSc Geography Honours Degree in Human Environment, majoring in GIS and Remote sensing, University of Zimbabwe.
2. Certificate in Geographic Information System and Earth Observation, by SIRDC.
3. Certificate in Potato Farming and Production, by SIRDC.
4. National Foundation Certificate (NFC) in Computer Operations and Packages.
5. Advanced level: Geography A, History B and Divinity B, St Columbus High, 2014.
6. Ordinary level: Passed 9 Subjects with 4As, 3Bs and 2Cs including English, Mathematics and Science, Marist Brothers Secondary School.
7. Holder of a Clean Class 4 Driver's License

Languages:

- Tonga: Native
- English: Proficient
- Ndebele: Proficient
- Shona: Proficient

Summary of Personal Skills and Competences:*Data management:*

- Creation and management of non-spatial and spatial databases/geodatabase
- CRUD Model implementation with data integrity and accuracy using Excel, Access, Hypertext preprocessor and Structured query language.

Spatial and Non-spatial Data Gathering:

- Digitizing (Desk-based data capture)
- Georeferencing
- Use of hand held GPS receiver to capture locations of assets.
- Creation of geo-enabled android applications for mobile data collection, transmission and storage using Open Data Kit (ODK), SMAP Server, Avenza and Epi-Collect.

Research and Analysis skills:

- Spatial data analysis using GIS software (Arc Gis, QGIS, ILWIS etc).
- Data analysis using Statistical Package for the Social Sciences (SPSS) and R Statistics.
- Web mapping/publishing GIS data on internet/Websites and 3-dimensional mapping.
- Data interoperability (creating programs to convert GIS information from one format to another).

Remote sensing:

- Information extraction (satellite image classification and analysis)
- Digital Elevation Model (DEM) analysis for flood prediction
- Satellite image acquisition.

Data Output:

- Producing maps in SVG, pdf and image formats.
- Producing interactive web maps in html format.
- Producing graphs, geospatial pdfs, charts.
- Writing reports.

Personal Skills:

- Ability to work independently as well as an effective team player.
- Takes challenges as a motivational stage and is inspired by challenges.

Table 1: SUMMARY OF PROJECTS I PARTICIPATED

Count	Project Title	Client	My Roles
8	End of course evaluation project for Trachoma disease in Zimbabwe (August 2019).	Sight-Savers	Mobile Data collection designer, GIS data analyst and Enumerator (Dr Tagwireyi and Prof Mduluza's Consultancy)
7	Capacity Building Services for Energy Sector specific Geographic Information System (GIS) services for mapping Energy projects which contribute in developing of a fully-fledged Measurement and Verification (MRV) system (February 2019).	Ministry of Energy and Power Development, Energy Conservation and Renewable Energy (ECRE) Department	Individual consultancy, GIS technician, Spatial Data analyst and Geo-database designer
6	Geo-information System (GIS) server and GEO- Data Base Installation (June 2018)	Ntengwe for Community Development (Binga)	Individual Consultancy, GIS technician, Spatial Data analyst and Geo-database designer
5	Installation of a Geo-Server and Geo-database ODK form Aggregate server for data collection Integrating general maps/pegging plans in a GIS for Ruwa Local Board (2018)	Ruwa Local Authority (Harare)	Geo-database designing, mobile data collection designing (SIRDC Consultancy)

4	Marange Mine Environmental Impact Assessment Project (2018)	Zimbabwe Consolidated Diamond Company (ZCDC) in Chiadzwa, Marange in Mutare Rural District.	Satellite image data analyst, GPS data collection (SIRDC Consultancy)
3	End of Life Course Immunization Project Evaluation – Knowledge Attitudes Practices Beliefs (LCIP-KAPB) Immunization coverage baseline for Gokwe North and South Districts, Zimbabwe (December 2017)	World Vision International (Gokwe)	Mobile Data collection designer, GIS data analyst and Enumerator (Dr Tagwireyi and Prof Mduluza's Consultancy)
2	Pfizer and KAPB Survey (2017)	World Vision International (Dande)	Mobile Data collection designer, GIS data analyst and Enumerator (Dr Tagwireyi and Prof Mduluza's Consultancy)
1	Life Course Immunization Project – Knowledge Attitudes Practices Beliefs (LCIP-KAPB) Immunization coverage baseline for Gokwe North and South Districts, Zimbabwe (2016)	World Vision International (Gokwe)	Mobile Data collection designer, GIS data analyst and Enumerator (Dr Tagwireyi and Prof Mduluza's Consultancy)

References:

1) Dr. P. Tagwireti

(PhD, OSU, USA, MEPP, UZ, ZW, BSc, Hon, BUSE, ZW, Dlp Ed, UZ.ZW)

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3) Dr K. Murwira

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