# MZWANDILE THOKOANE

Ntjabane, Teyateyaneng Reserve, P.O. Box 91, Berea 200, Lesotho

mzwandilethokoane@gmail.com

Professional Summary\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ambitious Assistant Physical Planner with more than nine years’ experience in community work and layout designing. Mapping enthusiast, with emphasis on OpenStreetMap and various Smartphone Applications. Thrives in fast-paced environments in which deadlines are the priority and multi-tasking is the norm.

Skills\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Proficiency at GIS, QGIS ArcView and ArcInfo;
* Proficiency in Planning for Sustainable Cities;
* Site investigation reports;
* Entitlement coordination;
* Permitting and administration knowledge;
* Proficiency in Statistical Package for Social Sciences;
* Proficiency in AutoCAD;
* Freehand sketching;
* Microsoft Office expert;
* Motivated Self-Starter;
* OpenStreetMap proficiency, using OSM Tracker, ID and JOSM editors;
* Mapillary contributor and mapper
* OpenMapKit collector
* KoBoCollector

Work History\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Valuation Assistant - June 2006**

**Maseru City Council** – Maseru, Lesotho

* Updated valuation roll for Maseru City Council’s landed property for insurance reasons;
* Prepared field papers for field workers to carry-out work easily

**Correctional Officer – February 2007 to April 2008**

**Lesotho Correctional Service –** Maseru Lesotho

* Kept safe and secure custody of inmates;
* Provided Rehabilitation of inmates through home interviews, victim-offender mediation and organizing pastoral services;
* Taught inmates numeracy and literacy skills

**Teacher – May 2008 to August 2008**

**Ministry of Education and Training – Matlakeng Government Secondary School** Mokhotlong Lesotho

* Prepared and delivered lessons to a number of different ages and abilities;
* Marked work gave appropriated feedback and maintained records of learners’ progress and development;
* Researched new topic areas, maintaining up-to-date subject knowledge and devised and wrote new curriculum materials;
* Selected and used a range of different learning resources and equipment;
* Prepared pupils for qualifications and external examinations;
* Managed pupil behavior in the classroom and school premises and acted accordingly and effective measures in cases of misbehavior;
* Undertook pastoral duties;

**Assistant Physical Planner – September 2008 to date**

**Ministry of Local Government, Chieftainship and Parliamentary Affairs; Berea District Council,** Lesotho

* Preparing landuse and settlement plans for the allocating authority to carry out its duties;
* Processing planning applications;
* Providing appropriate planning advise that is in compliance with the Legislation;
* Liaising with the allocating authority in the management and promotion of orderly and planned environment;
* Collaborating with all stakeholders in the process of discharging planning services;
* Cooperating with the responsible Senior Physical Planner and Physical Planning Division in the process of preparing local plans, structure plans and regional plans;
* Advising the local council on technical and legal issues pertaining to development control matters in accordance with Legislation and Planning Guidelines and Standards.
* OpenStreetMap mapping to avail geospatial data for Spatial Analysis and Planning
* Using Algorithmic Spatial Data Tools for Quality Assurance on OpenStreetMap Data
* Creating updated maps for different government departments using ArcGIS and QGIS for evidence-based planning

Education\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Bachelor of Arts** – Urban and Regional Planning Second Class, Second Division

**National University of Lesotho** – Roma, Lesotho 2006

**Cambridge Overseas Schools Certificate**

**Methodist High School** – Maseru, Lesotho 2000

Short Courses\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Sustainable Cities**

**Technische Universitat Dresden** – Dresden, Germany 2016

**Algorithmic Spatial Data Tools for Quality Assurance**

**Fingal County Council** - Maseru, Lesotho 2016

**Advanced Spatial Data Creating and Editing Tools**

**Fingal County Council** – Maseru, Lesotho 2015

**Planning and Management of Sustainable Cities**

**Human Settlement Management Institute** – New Delhi, India 2013

**Management and Analysis of Geo-Spatial Data using ArcGIS 9.1x**

**Regional Centre for Mapping of Resources for Development** – Nairobi, Kenya 2010

Voluntary Work\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mapillary Ambassador to Lesotho

Lesotho Country Coordinator for Bridges to Prosperity, Colorado University Chapter