**SELAM MULUNEH**

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**EDUCATION**

**Master of Science in Geospatial Information Science** May 2022

The University of Texas at Dallas

**Bachelor of Science in Civil Engineering** June 2006

Bahir Dar University Technology Faculty

**SKILLS**

**CAD:** ESRI GIS,QGis, Revit, AutoCAD, 3GIS

**Programming:** ETL(Visual studio, SSRS, SSIS)**,** SQL, python, R, geopandas, spyder, jupyter, PosgreSQL,Java, AWS

**Software:** Microstation, ArcMap/ArcGIS, Microsoft Office (Excel, PowerPoint, Word, Outlook), ArcGIS survey123, ArcGIS online

**WORK EXPERIENCE**

**GIS analyst/Documentation** - Mastec, Cleveland, OH(Remote) August 2018 - Present

* Verify and making sure that ArcGIS document reflects the design drawing
* Create layers and objects that represent the objects placed on the design and edit attributes.
* Validation and Quality control of attributes and mass edit.
* Export and import ArcGIS data for different use.
* Attend meetings with the client and continuous communication with the client to fulfil the need.

**GIS analyst/Documentation** - Verizon Business, Richardson, TX August 2018 - Present

* Using ArcMap/ArcGIS verify jobs done by subcontractors and making sure the ArcGIS document reflects the as built drawing
* Email correspondence with vendors and subcontractors to complete work orders and projects on time.
* Drawing new routes in ArcGIS, placing objects and layers according to the as-built details.
* Gathered requirements from product managers, quantifying data need so that it could be represented spatially.
* Converting files to different format and save to a database for future reference.
* Writing and updating Python scripts to automate validation
* Produce deliverable drawings for clients and for management use.
* Trained 3 new member of our team to become productive.

**UTD Graduate project 2021**

* I did a project for a city suitability analysis. The city had criteria and the main goal of the project was to find the suitable parcel that fulfill the criteria required by the city. I used model builder and python to find the suitable land parcel. ArcGIS online was used to share the output.

Script is found on <https://github.com/Selmul/Python-GIS>

**CAD Technician** - GXT LTD, Richardson, TX March 2015 - 2018

* Design fiber optic cable path layouts for specified clientele.
* Using ArcMap/ArcGIS, I would define the path, permit boundaries, and calling out construction notes.
* Create a proper map with the all the necessary information.

**AutoCAD Technician** - Sunshine Construction, Addis Ababa, Ethiopia May 2010 - June 2012

* Under the general supervision of the Vice President, Utilized AutoCAD to produce various types CAD map.
* Reviewed digital survey information, field notes, and sketches to determine what the information indicated and what approach needed to be taken to create a comprehensive plan.
* Researched and located existing map data (maps and other published information) to support the creation of new plans.

**General Skills**

**-**Excellent verbal and written communications.

-Highly organized and give attention to details.

-Goal oriented. Self-motivated and quick learner.