

Schadrack tuyishime

About me

As a passionate Geo-information Science and Earth Observation, hold a master's degree in Water Resources and Environmental Management. I possess expertise in GIS and remote sensing, with proficient in programming languages (Python, Linux), and familiar with software packages such as Lucid chart, Trello, QGIS, and Google Earth Engine. To further my career, I am ambitious about leveraging technical skills and design thinking to address complex energy problems and create innovative solutions for social and environmental impact through technology.

Experience

Dates: 01/08/2020 - 30/06/2021

Employer:GLECOS LTD- KIGALI/RWANDA

Position: GIS and Remote Sensing Data Specialist

Activities and Responsibilities: GIS and Remote Sensing Data Specialist at GLECOS Ltd, where I led data collection and processing efforts involving geospatial and remote sensing data from using tools like ArcGIS Pro. Additionally, I employed programming languages and designing tools such as Python , Lucid chart for data analysis and visualization, ensuring effective communication of results to stakeholders. Furthermore, I contributed to construction projects by designing water distribution networks and sanitation infrastructures where a gained experience in troubleshooting and problem-solving.

Dates:07/04/2019 - 01/07/2020

Employer:MUGANZA TVET SCHOOL - RWANDA

Position :Trainer

Activities and Responsibilities: In this role, I contributed on water supply and distribution systems. In this workshop, I luckily gained experience in incorporating simulations and real-world scenarios to ensure a practical understanding and application of water engineering concepts. Additionally, I actively monitored and assessed trainees to familiarize with, providing and receiving constructive feedback to enhance overall learning outcomes.

Dates:05/08/2018 -02/04/ 2019

Employer: WASSAC LTD, KIGALI, RWANDA

Position: Water and Sanitation Support Engineer

Activities and Responsibilities: In this role , I played a key role in planning and executing water and sanitation infrastructure projects. I conducted assessments for rehabilitation needs, provided technical assistance for new projects, and advised on efficient operation and maintenance. Additionally, I actively participated in monitoring and evaluation activities, performed data collection, and supervised private operators for effective water supply system management. With this role, my ability to tackle problems and team management helped me achieve my duties as well as those for the whole company.



Contact

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Education

September 2021- August 2023

Master's degree

Geo-information Sciences and Earth Observation/University of Twente

September 2014- November 2018

Bachelor's degree

Water and Environmental Engineering/University of Rwanda.

Expertise

- ArcGis pro/QGIS/ILWIS
- Python, Matlab,Google Earth Engine
- Canva.com
- Colagen
- Trello,Miro
- Lucidchart

Language

Mother tongue : Kinyarwanda

Other languages: English French

Reading skills: C2 C2

Writing skills: C2 C2

Verbal skills: C2 C1

Reference

Available upon on request