

Felix Dalo

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CAREER OBJECTIVE

Driven engineering graduate with a passion for continuous learning, always eager to apply my theoretical knowledge to real-world scenarios, especially in the agricultural and water supply sectors. I'm particularly excited about contributing to projects in irrigation systems and water management. I'm keen to be part of a team that drives innovation, focusing on sustainable and efficient solutions for water supply, civil engineering, and smart agriculture.

EXPERIENCE

Nkhata-Bay District Irrigation Scheme

Nkhata-Bay, MW

Site inspector intern

- **Auto-CAD Modelling:** Collaborated with other engineers to review and modify design drawings using Auto-CAD to adjust for Dam Throwback.
- **Inspection of Construction work:** Monitored ongoing construction activities, verifying compliance with design specifications and safety standards for bridge, road and pipeline construction works.
- **Surveying and Mapping:** Conducted surveying and mapping of roads, assessing road layouts, measuring distances, and creating accurate maps for road networks.
- **Irrigation Scheduling:** Collaborated in a 4-person team to develop an irrigation schedule for a 1500 ha Irrigation Scheme which was approved by 98% of the Scheme's Users.

SKILLS

Engineering

Concrete Quality Concrete
Hydraulic Modelling
Surveying

Software Tools

AutoCAD, ArcGIS, IrrCAD,
WaterGEMS, Epanet, Microsoft
Packages, Revit, Surfer

Soft Skills

Effective Communicator
Eager to learn
Critical Thinker and problem-solver

EDUCATION

Lilongwe University of Agriculture and Natural Resources (LUANAR)

Lilongwe, MW

BS in Irrigation Engineering (Credit)

2018-2023

- Organizations: Malawi Engineering Institute (MEI) Bunda Chapter.
- Coursework: Water Supply and Sanitation, Civil Engineering Procedures, Structural Design
- Awards: Dean's Honors Roll.
- Cumulative GPA: 3.2/4.0

PROJECTS

Aquaculture Business Project

Developed a full business plan for an aquaculture business which involved designing the fish ponds.

Utilization of Grey Water Project

Designed and developed a natural carbon sand filter to filter grey water and determined usability based on water parameter data.

HOBBIES

- Entrepreneurial Endeavors
 - 3D-Modelling
 - Web development
 - Football

REFERENCES

1. Prof. K. Wiyo

LUANAR (Dept. of Agri. Eng.)
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2. Mr Amos Mkolomwa

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