

MOHAMED FRIAA

R E N E W A B L E E N E R G Y E N G I N E E R

 +216 98 770 852

 Mohamed.friaa@medtech.tn

 Tunis, Tunisia

PROFILE

I am a qualified and professional Renewable Engineer with 2 years of experience in Business to Business photovoltaic EPC offers. Strong creative and analytical skills. Team player with an eye for detail.

SKILLS

- Photovoltaic design
- Electrical Losses calculation
- Electrical design
- Feasibility study
- Profitability study
- EPC offers evaluation
- Project Management
- Strong Communication

EDUCATION

MEDITERRANEAN INSTITUTE OF TECHNOLOGY (MEDTECH)

Renewable Energy Engineering Degree

Medtech is ABET accredited program

LANGUAGES

French : Native

English: Bilingual

Arabic: Native

please feel comfortable to ask for any additional information. All references will be sent in the Interview

EXPERIENCE

TECHNICIAN INTENSHP

ABOWIND Carthage

August 2020 - September 2020

- PV-SYST Design
- Photovoltaic plant sizing (cables, Inverters, Solar panels, Batteries)
- Losses calculations

CAPSTONE PROJECT

ABOWIND CARTHAGE, SUDPOTASSE and Grant Thornton

September 2021 - March 2022

- Energy Audit of Sudpotasse Factory (bills analysis, energy Management, shunt compensation, electricity consumption sizing)
- Solar yield assessment using Pyranometer.
- Determine Future monthly photovoltaic production using LSTM cell based on (GTI, PR, solar panels efficiency and solar cells total area) with an RMSE=0.4% coded in python language
- Profitability study using Discounted Cash-Flow Model based on forecasted energy production with Grant Thornton

SOLAR ADVISOR

SUDPOTASSE

March 2022- now

- Feasibility and profitability studies
- EPC+OM offer tenders for 1.2 MWp mounted on ground connected to the grid photovoltaic solution for autonomy
- Gouvernmental Decree for the project
- Evaluation of the offers based on production, LCOE and the quality of the components.