MUATH ALNAJJAR

ENERGY ENGINEER

👤 PERSONAL INFORMATION

Nationality: Palestinian (Gaza Strip)
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🎓 EDUCATION

›› Energy Engineering | Master's degree
Larbi Tebessi University LTU - Tebessa
09/2020 – 07/2022 - Tebessa, Algeria

›› Energy Engineering | Bachelor's degree
Larbi Tebessi University LTU - Tebessa
09/2016 – 06/2019 - Tebessa, Algeria

💼 WORK EXPERIENCE

›› Freelancer | Freelance Mechanical Designer using SolidWorks. Feb, 2021 - Present
- CAD, CAE, Design of mechanical pieces, parts for mechanical structures, machines, and parts for small wind turbines.

›› Self-Employed | Solar PV Systems Designer using AutoCad, PVsyst and Pvsol. Nov, 2020 - Present

›› Self-Employed | Small Wind Turbine Analyst and Designer. Oct, 2020 - Present
- Analysis, design, and realization of a mechanically and electrically small horizontal axis wind turbine.

›› Larbi Tebessi University - Tebessa | Research Engineer and Assistant Director of The Energy and Turbomachinery Laboratory. Feb, 2020 - Jul, 2022

⭐ SKILLS

- SOLIDWORKS
- Computational Fluid Dynamics (CFD)
- ANSYS
- FORTRAN
- Gambit
- PV Systems Design
- PVSYST
- MATLAB
- Microsoft Office
- Data management
- Data Analysis
- Computer Skills
- Analytical thinking
- Creative thinking
- Technology competency
- Innovation
- Team-working
- Good judgment
- Interpersonal
- Solving complex problems
- Attention to Detail

📜 CERTIFICATES

- Solar Awareness for Tradespeople - Global Sustainable Energy Solutions GSES, Australia.
- Huawei FusionSolar Certified Installer - Huawei
- Solar Energy System Design Using PVSYST - Acadeemi
- AUTODESK FUSION 360 - AUTODESK
- 3D Modeling for Mechanical Design Using - AUTODESK.
- Advanced Modeling for Mechanical Design - AUTODESK
- Introduction to ON-GRID PHOTOVOLTAIC Systems. - AMC CO.
- Computational Fluid Mechanics - Airflow Around a Spoiler - Coursera
- CFD Simulation Through a Centrifugal Pump - Coursera
- Engineering Project Management Specialization - Coursera
- IBM Data Analyst Specialization - Coursera
- ISO 31000:2018 - Enterprise Risk Management Framework for Risk Leaders -Alison
- GARRETT® TURBO EXPERTISE TRAINING - GARRETT®
- International Computer Driving Licence - ICDL Base
- Math Basics - Huawei
- HCIA-AI V3.0 Course - Huawei
- AE4263 Modelling, Simulation, and Application of Propulsion and Power Systems (2022/23 Q2), TU Delft University
- English EF SET Certificate 72/100, C2 Proficient - EF SET Organization

🌐 LANGUAGES

90% ENGLISH   50% FRENCH   50% RUSSIAN