MUATH ALNAJJAR

ENERGY ENGINEER

PERSONAL INFORMATION

Phone number: 00213540404798
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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

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

›› Self-Employed | Solar Photovoltaic Systems Designer
November 2020 - Present

›› Self-Employed | Small Wind Turbine Analyst and Designer
October 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
February 2020- July 2022 | The Turbomachinery Laboratory

SKILLS

- SOLIDWORKS
- Computational Fluid Dynamics (CFD)
- ANSYS
- FORTRAN
- Gambit
- PV Systems
- 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

- English EF SET Certificate 72/100, C2 Proficient - EF SET Organization
- 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
- Solar Energy System Design Using PVSYST - Acadeemi
- AE4263 Modelling, Simulation, and Application of Propulsion and Power Systems (2022/23 Q2), TU Delft University
- Huawei FusionSolar Certified Installer - Huawei

LANGUAGES

90% ENGLISH   50% FRENCH   50% RUSSIAN