

Mohammed Aldawood

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CAREER OBJECTIVE

Hard-working recent college graduate with a Bachelor of Science (B.S.) in Mechanical Engineering (Thermal and Desalination) (3.84 GPA), with 2 years of work experience. Aiming to leverage academic experience and a proven knowledge of research and development, facilities engineering, and quality assurance to successfully fill the Engineering role at your company. Frequently praised as efficient by my peers, I can be relied upon to help your company achieve its goals.

EXPERIENCE

CHINA GEO-ENGINEERING CORPORATION , Al Jubail , Eastern Province

Mechanical Engineer, Feb 2021 - Present

- Read and interpreted assembly drawings, schematics, work instructions and component identifications.
- Assisted senior engineers with evaluation, study and design of drainage systems.
- Reviewed mechanical and electrical equipment operation, installation, maintenance and loss potential hazards.
- Worked under supervision of senior engineering and technical staff.
- Prepared technical reports for management to document project status.
- Conducted testing of mechanical, electrical and optical components, subsystems and systems.

KING ABDULAZIZ UNIVERSITY , Jeddah, Makkah

Senior Project Engineer, Jan 2020 - Jan 2021

- Design and Testing of Savonius Vertical Axis Wind Turbine.
- Developed and delivered progress reports, proposals, requirements documentation and presentations.
- Ensured smooth transition of projects from construction to operations.
- Utilized excellent written and oral communications and team skills.
- Produced regular written project status reports and lead project team meetings.
- Wrote technical reports on results from experiments conducted and incorporated findings in solutions.
- Generated performance measurement monthly reports for management team.
- Established project requirements, priorities and deadlines.
- Performed preliminary engineering and defined scope.
- Established and communicated team performance expectations and guidelines.

Vice Presidency for Projects at King Abdul-Aziz University, Jeddah, Makkah

Operation and Maintenance Engineer, Jun 2019 - Aug 2019

- Preparing designs and plans for mechanical engineering projects and works, preparing programs for assembling, installing and operating mechanical equipment in industrial projects, preparing industrial equipment operating programs and preventive maintenance programs, and preparing specialized documents and reports on business results.

EDUCATION

KING ABDULAZIZ UNIVERSITY

Jeddah

Bachelor of Science (B.S.) Mechanical Engineering (Thermal and Desalination) (Jan 2021)

- **GPA:** 3.84
- **Relevant Coursework:** Thermal Desalination Processes, Membrane Desalination Processes, Internal Combustion Engines, Power Plants , Design of Heat Exchangers, Refrigeration and Air Conditioning , Thermal Engineering Measurement , Turbomachinery and Gas Turbine , Pumps and Hydraulics , Machine Element Design , Machine Dynamics, Senior Project , Basic Electrical Engineering
- **Extracurricular Activities:** Probability and Statistics, Non-Destructive Testing and Visual Inspection.

UNIVERSITY OF TULSA

Tulsa, OK

Completed coursework towards Bachelor of Science (B.S.) Petroleum Engineering (Aug 2016)

- **GPA:** 3.26
- **Relevant Coursework:** Fluid Properties, Reservoir Engineering , Production Engineering , Mechanics of Materials , Fluid Mechanics , Statics, Thermodynamics

SAUDI ARAMCO

Dhahran , Eastern Province

College Degree Program for Non-Employee Petroleum Engineering (Jul 2013)

- **GPA:** 3.02
- **Relevant Coursework:** AP Chemistry , AP Calculus

ADDITIONAL SKILLS

- Research and Development
- Thermal Engineering
- Water Desalination Technology
- Mathematical Modelling
- Computer Applications
- Strong Leadership Skills
- Mechanical Design
- Mechanical System Design
- Site Engineering
- Design and Construction Engineering
- Heating Ventilation and Air Conditioning
- Petroleum Engineering

CERTIFICATIONS

- Introduction to Manufacturing and Environment
- Revit Structure
- Fundamentals in Iron and Steel Industry
- Managing Public and Private Partners (PPP) Projects
- Problem Solving in the workplace
- Stress Management in the workplace
- Creative Thinking Skills
- Basic Compressors
- Commercial Refrigeration Systems Introduction
- IA Temperature Sensor Theory
- Refrigeration Fundamental Module I

MEMBERSHIP

- Saudi Council for Engineer / Mechanical Engineer #754429
- Society of Petroleum Engineering