

MOHAMMED ALHAJRI

Mechanical and Energy Engineer

CONTACT

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 Saudi Arabia, Khobar

EDUCATION

Bachelor degree of Energy Engineering from Imam Abdulrahman Bin Faisal University. Expected graduation on 2026.

PERSONAL SKILLS

- Team work & leadership
- Time management
- Fast learner
- Excellent speaking & writing English skill

PROFESSIONAL SKILLS

- MATLAB
- Microsoft
- Multisim
- PSIM
- Retscreen
- Arduino
- AutoCAD

ABOUT

A Mechanical and Energy Engineering student with an interest in the design and analysis of mechanical and energy systems. I aim to gain practical experience that allows me to apply my academic knowledge in energy engineering and efficiency optimization. I strive to enhance my skills in using modern engineering tools and data analysis to support innovation in sustainable energy solutions. Passionate about continuous learning and working within engineering teams to develop effective and practical solutions.

SIGNIFICANT COURSE WORK

- Control System
- Renewable Energy
- Heat and Mass Transfer
- Energy and Environment
- Strength of Material
- Fluid Mechanics
- Power System
- Engineering Workshop

PROJECTS

- Design and build a PID based control system.
- Design a heat exchanger to mitigate heating of 3D radial flux permanent magnet coil winding.
- Domestic water heating with flat collector.
- Optical performance analysis of parabolic dish collector.

VOLUNTEER

- Meeting organizer
- Member at College of Engineering Club