

Osama Alessa

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SUMMARY

Mechanical and Energy Engineering student with a well academic foundation in thermodynamics, energy systems, and mechanical design. Passionate about applying technical knowledge to real-world challenges and eager to develop professional skills through corporate training. Excellent problem-solving abilities and a strong willingness to learn.

EDUCATION

Imam Abdulrahman Bin Faisal University

- Bachelor of Mechanical and Energy Engineering (2022-present)

Relevant Coursework

- renewable energy
- heat and mass transfer
- heat exchanger design

Projects & Academic Work

Optical Performance Analysis of a Parabolic Dish Collector

- Conducted a detailed analysis of the efficiency and thermal performance of a parabolic dish collector
- Applied engineering principles to optimize system performance
- Utilized simulation tools for data analysis and validation

SKILLS

- good foundation in mechanical and energy systems
- Knowledge of thermodynamics, heat transfer, and fluid mechanics
- Proficient in engineering software (AutoCAD, MATLAB), and Microsoft office (PowerPoint, Word)
- Basic programming skills (C, C++)
- analytical and problem solving, Engineering report
- Effective teamwork and communication

Languages

English (good)

Arabic (Fluent)