

Khaled Hamoud Al-Ahmadi

Mechanical Engineer

Contact

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Riyadh, Saudi Arabia

Skills

- Sketching
- Reporting
- Data Analysis
- Design
- Project Management
- Creativity
- Hap
- Excel
- Adams
- AutoCAD
- Lab view
- PowerPoint
- Ansys
- Numeracy
- Attention To Detail
- Problem-Solving
- Teamwork
- Communication

Courses

Taibah University, Saudi Arabia

- **Energy Efficiency Course** | Nov 2022
- **Refrigeration and Air Conditioning Systems** | Aug 2022
- **Pumps and compressor** | Feb 2023
- **Oil and gas** | May 2022
- **HVAC System** | Dec 2021

Languages

English

Profile

Mechanical Engineering Graduate versed in reviewing plans, writing reports, researching solutions, and implementing company procedures. Willingness to learn, follow instructions and work cooperatively within team environments. Computer competencies include various CAD programs and MS Office applications. Seeking a full-time position for a company that contributes to a forward-thinking and fast-moving industry where I can develop my engineering skills which will benefit me personally and professionally.

Education

Bachelor's Degree in Mechanical Engineering.

Taibah University, Saudi Arabia | Dec 2022

Graduation Projects:

First Project: Hybrid Electric Bike | Jan 2022 - Nov 2022

The aim of the project was to target university students to use a hybrid electric bike with an air conditioner. We also targeted students who do not have money for a car and save gasoline.

Second Project: Hap program | Sep 2021 - Dec 2021

The aim of the project was to calculate the convection right for a gym.

Work Experience

Internship

Trainee

Al-Medina General Hospital, Saudi Arabia | Jun 2022 - Aug 2022

- Participate in training sessions related to the importance of safety in the workplace, HVAC systems, pumps, and electric motors.
- Integrate into the Heating, Ventilation, and Air Conditioning (HVAC) Systems including Roof Top Unit (RTU), and Air Handling Unit (AHU), besides fixing the problems.
- Maintain document traceability by properly filing and indexing engineering specifications, drawings, and specifications in a data archive.
- Interpret blueprints and technical drawings to analyze upcoming projects.
- Communicate with the engineering team to discuss methods to improve processes and performance.
- Read and analyze blueprints and project documentation to develop workflows and strategies.
- Work closely with engineers and assist with the testing of products.
- Interface with the project management team to prepare engineering submittals and work plans.