



MOHAMMED ABDULLAH ALGHMADI

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About

I am an Electrical Engineer who is experienced with low and high-level electrical systems and programming languages. I always seek more knowledge and experience, interested in solar energy systems and smart grids.

Academic background

- Electrical Engineering, **King Abdul-Aziz University** (2018 - 2022).
- GBA: 4.57 (Second honor degree).
- Receives excellence certificate four times.

Accomplishments

Power Distribution Course (ILTC)

Network load estimation by using (Ecodial)

Programming Essentials in Python(Cisco Networking Academy)

Make coding tasks related to the basics of programming, and understands the programming techniques, customs, and vocabulary used in the Python language.

Arduino Robotics Workshop

Create a vehicle designed to walk on a specific line and avoid obstacles

Work Experience

2017

Aramco

Summer Internship Program for High School Students

2018

Summer internship at encocorp company.

Data analyst

2022

COOP Training

Saudi Electricity Company

Course Work Projects

- **Create a home solar system (Senior Project)**

DESIGN AND COST ANALYSIS OF GRID-CONNECTED OR STAND-ALONE HOME SOLAR SYSTEM AND IMPLEMENTATION OF 6 KW PV SYSTEM IN KAU

- **Multifunctional Digital Door Lock by using Microcontroller**

Extracurricular Activities

- 2021 - Event Organizer, Volunteered in Engineering Day.

Skills

Software Experience:

- Ecodial, Helioscope, Matlab, Arduino, Python, AutoCAD
- Knowledge in robotics (worked with Arduino projects).
- Fluent in Microsoft Word, Excel, PowerPoint, MS Project.

Soft Skills:

- Communication skills.
- Can work under pressure.
- Self-learning.
- Adaptability
- Teamwork.