


# Hussain Hadi Alyami

Electrical Engineering | Renewable Energy | Water Treatment



 Najran, Kobash NAUA7866

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Electrical Engineer with more than three years of expertise in power systems, automation and controls. Efficient and focused on proficiency in electrical engineering design and applications. Adept at leading highly-effective multidisciplinary teams to complete projects against corporate goals. I am fascinated by renewable energy and water treatment because they offer solutions to some of the most pressing environmental challenges of our time. Renewable energy can help to reduce our reliance on fossil fuels, which are a major source of pollution and greenhouse gas emissions. Water treatment can help to improve water quality and make it safe for drinking, bathing, and other uses. I believe that these technologies have the potential to make a significant difference in the fight against climate change and water scarcity, and I am excited to see how they develop in the years to come.

## Skills

Electrical experience  
Power systems  
Electrical safety standards  
Electrical troubleshooting  
Low voltage installations  
Electrical circuit design  
Renewable energy systems  
Power distribution systems

## Work history

2018-10 - 2021-07

### **Electrical Engineer**

*RATHAT KHBASH, Najran*

- Performed maintenance procedures and repairs on existing electrical products and systems.
- Read and interpreted blueprints, diagrams, and schematics to correctly coordinate work.
- Increased safety standards by conducting thorough risk assessments for each project phase.

- Addressed design challenges and evaluated alternative design models to meet project requirements.

2015-06 - 2018-04

## Sales Manager

*ALI CENTER, Najran*

- Educated customers on available processes and services.
- Mentored employees in successful selling techniques and encouraged cross-selling additional products and services.
- Created strategic sales plans, designed to increase sales, customer loyalty and market awareness.
- Maintained friendly and professional customer interactions.

2013-06 - 2015-06

## Security

*ALI CENTER, Najran*

- Patrolling property and monitoring surveillance equipment.
- Inspecting buildings and equipment.
- Investigating incidents.
- Carried out regular performance checks and audits, ensuring storage and archiving procedures were functioning correctly.
- Controlled user access to minimize security risks and track activities.



## Education

**Master of Renewable Energy: Waste Water Treatment through Graphene Oxide-Based Adsorption Techniques, Solar Energy, Wind Energy, Hydropower, Biomass Energy, Geothermal Energy, Energy Storage, Energy Efficiency, Energy Policy, Introduction to Renewable Energy, Thermodynamics for Renewable Energy, Materials for Renewable Energy, Economics of Renewable Energy, Policy and Regulation of Renewable Energy, Project Management for Renewable Energy**

*University of Exeter - Falmouth*

2018-12

**Bachelor of Electrical Engineering: Circuit analysis, Power systems, Electronics, Control systems, Mathematics, Physics, Computer science**

*Najran University - Najran, Saudi Arabia*

Dissertation in Renewable energy



## Software

MATLAB, PLC, SCADA

Very Good

AutoCAD Electrical

Very Good

PVSYs , BladedDNV

Very Good

ETAP, DCS, MCC

Good

Python, SketchUp

Very Good

## Languages

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Arabic

English

Spanish

## Certifications

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2025-08

SCE