

# Omar Farhat

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## EDUCATION

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### KING SAUD UNIVERSITY

Bachelor of Engineering

Major in Electrical Engineering (**GPA: 4.38**) **Second Honor Class**

Relevant Coursework: Power System Analysis, Power Electronics, Power Distribution Systems, Renewable Energy Engineering, Automatic Control Applications, Power System Operation & Control

Riyadh, SA  
May 2025

## WORK EXPERIENCE

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### NESMA & PARTNERS

Site Electrical Engineer Intern - Electrical Construction

- Inspected and verified first, second, and third-fix electrical installations, compiling detailed reports for the Project Engineer.
- Reviewed electrical drawings and monitored project implementation.

Riyadh, SA  
Jan 2025 – Mar 2025

### SMART CREATIONS EST. FOR GENERAL CONSTRUCTION

Worker - Electrical Construction

- Assisted in financial oversight, including invoice auditing, worker supervision, and construction drawing reviews for electrical construction.

Riyadh, SA  
Jun 2018– Feb 2019

## CERTIFICATIONS

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### FORWARD ADVANCED LEVEL

McKinsey Academy

Riyadh, SA  
Apr 2024

### Autodesk Revit Mechanical and Electrical

Integrated Learning Training Center

Riyadh, SA  
Dec 2023

### LOW CURRENT SYSTEMS DESIGN

Integrated Learning Training Center

Riyadh, SA  
Nov 2023

### ELECTRICAL SYSTEM DESIGN (POWER DISTRIBUTION)

Integrated Learning Training Center

Riyadh, SA  
Oct 2023

### SHOP DRAWING & ELECTRICAL SITE

Integrated Learning Training Center

Riyadh, SA  
Mar 2023

## PROJECTS

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### Design central pivot using dc motor supplied by solar energy for irrigation systems

- Designed a central pivot of 500m radius with 10 dc motors to irrigate the agriculture
- Implemented a small prototype to simulate the mechanism of the real one

Jan 2024

## ACTIVITIES AND VOLUNTAREIS

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### STUDENT PARTNERSHIP PROGRAM

Member of the Media Committee

- got part in the production of media content for the Student Partnership by interviewing people and taking pictures and videos.

Riyadh, SA  
Mar 2023 – June 2023

### ELECTRICAL ENGINEERING STUDENT CLUB

Member of the Social Committee

- Within the club, I set up enjoyable competitions for engineering students inside the club.

Riyadh, SA  
Dec 2022 – June 2023

### CENTER FOR EXCELLENCE IN LEARNING AND TEACHING

Student Assistant Program Member

- I have worked to help faculty use e-learning platforms and answer questions from students who also want faculty help.

Riyadh, SA  
Sep 2020 – Apr 2021

## SKILLS

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**Technical Skills:** MATLAB, Simulink, AutoCAD, Revit, PSSE, Microsoft office.

**Soft Skills:** Self-Learning, Problem-solving, Teamwork.

**Communication:** Presentation and Technical reports

**Languages:** Arabic (native), English (conversational)