

# Mohammed Abdulrahman

Electrical Engineer

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## ABOUT

Fresh graduate in Electrical Engineering, passionate about solving real-world problems through innovative and efficient engineering solutions. Eager to apply academic knowledge in a professional environment, collaborate with dynamic teams, and contribute to impactful projects that drive organizational success.

## EXPERIENCE

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### Internship

Jun 2024 to Aug 2024

#### SAUDI Electricity Company

- Gained hands-on experience in power substations, voltage levels, and switchgear systems (13.8 kV & 110 kV).
- Observed control, measurement, and protection systems, along with maintenance and testing of key equipment.

## EDUCATION

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### Bachelor's Degree in Electrical Engineering

27 May 2025

At Taibah University

### Capstone project

#### Smart Gloves for Sign Language

- Designed and developed a smart glove capable of translating sign language into text using precise sensors and a microcontroller.
- Developed data processing algorithms to ensure accurate and real-time translation of gestures.
- Converted the electronic circuit from a prototype to a professional design using a custom Printed Circuit Board (PCB) created with EasyEDA and modeled the physical structure of the glove using Fusion 360.

## Courses

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- Occupational Safety and Health Administration Course (OSHA) | Alkhabeer Academy | ID:2411344325661812565892
- Alternative Energy | Taibah University Elective Course
- High Voltage Engineering | Taibah University Elective Course
- Certified Associate in Project Management (CAPM) | Civil Academy | ID: 11bac5f8e77c21ef
- Grid Power Quality | Saudi Council of Engineers
- Power Quality for Electrical Network | Saudi Council of Engineers
- Financial Modelling of Energy Projects | Saudi Council of Engineers

## SKILLS

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- Strong proficiency in **Microsoft Office** (Word, Excel, and PowerPoint).
- leadership, strong communication, problem-solving, and analytical thinking skills.
- Teamwork and Ability to work independently.

## Volunteering

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- Al-Mihrab Initiative | Facilitated visitor services at Al-Masjid Al-Nabawi | Mar 1–7, 2025 | National Platform for Voluntary Work & Taibah University