

Bader Alsaadi

ELECTRICAL ENGINEER

 RIYADH, SAUDI ARABIA  BaderMuAlsaadi@gmail.com  +966544842117  [Bader Alsaadi](#)

PROFESSIONAL SUMMARY:

An Electrical Engineer specializing in designing electrical systems, committed to delivering innovative and sustainable solutions. Skilled in applying engineering principles to ensure efficiency and safety, with strong problem-solving and teamwork abilities. Dedicated to contributing to organizational goals and developing effective projects that meet market demands.

EDUCATION:

- BACHELOR'S DEGREE IN ELECTRICAL ENGINEERING :**
Imam Mohammed Ibn Saud Islamic University | (2019 - Present)

ACADEMIC PROJECT:

- Design of Battery Management System for Drones (2024) :**
Graduation project focused on designing an innovative Battery Management System (BMS) for drones. The system aims to enhance energy efficiency, ensure operational safety, and prolong battery lifespan, addressing critical challenges in drone technology.

COURSE WORK:

- Renewable Energy (2025) :**
Analyzed solar panel performance by measuring power output at different tilt angles to optimize energy efficiency.
- Engineering Design (2020) :**
Designed a mechanism to convert a phone or tablet stand into a selfie stick using AutoCAD, showcasing innovative and functional design skills.

CONFERENCES :

- Saudi Arabia Smart Grid (2023) :**
Attended a conference focused on smart grid technologies and sustainable energy innovations, with opportunities to network with industry experts and explore the latest advancements.
- Alfaisal 12th Annual Career Day (2024) :**
Participated in a career event featuring keynote speeches and workshops, connecting with leading companies and gaining valuable skills.

COURSES:

- AutoCAD
- Arduino IDE
- LTspice
- EasyEDA
- Everycircuit
- MATLAB
- LabVIEW
- Altium

SKILLS:

- Leadership
- Teamwork
- Microsoft Office
- Analytical skills
- Problem solving
- Easily adaptable

LANGUAGES:

- Arabic
- English