

Mohammed Majed Alhamrani

+966552885922 | alhamrani.mohammed@gmail.com | Dhahran, Saudi Arabia

Objective

A motivated Electrical Engineering student with a passion for sustainability and automation, eager to gain hands-on experience.

Education

King Fahd University of Petroleum and Minerals (KFUPM)

- **B.S. in Electrical Engineering (Expected to graduate May of 2026)**
- **Relevant Electives:** Ethics of AI (addressing societal impact, fairness, bias, and trust) and Sustaining the Earth (focused on engineering solutions for environmental challenges).

Skills

- **Languages:** Arabic (native), English (fluent).
- **Technical Skills:** Microsoft Office, Python, Multisim, MATLAB.
- **Soft Skills:** Adaptable, Communicative, Team Player.

Projects

- **Automated System:** Collaborated with three members to build a hands-free vacuum cleaner using Arduino, motors, and motion sensors for the course EE311 (Fundamentals of EE Design).
- **Power Factor Optimization:** For EE360 (Electrical Energy Engineering) I assessed a three-phase transmission & distribution network using Multisim, improving efficiency by 13% through power factor correction.

Experience

- **Intern at Schneider Electric in Dhahran Techno Valley (June 2025 – September 2025)**
Worked on a project to upgrade an Emergency Shutdown System (ESD), Triconex, for Sabic.

Extracurricular Activities

- **Environmental Sustainability and Community Engagement by KFUPM**
Volunteered to plant 100 trees across the KFUPM beach as part of the 2025 University Afforestation Campaign.
- **Al Fozan Academy, Developing the Leaders of Non-Profits by Aramco**
With a team of four, I learned to comprehensively design volunteering projects.