

Ziyad Mohammed Al-Rayyes

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Objective

Recent Electrical Engineering graduate from Imam Mohammad Ibn Saud Islamic University with a strong foundation in power systems and sustainable energy solutions. Seeking to leverage technical knowledge and analytical skills in an innovative role within the electrical engineering field, with a focus on contributing to impactful projects and advancing my expertise in renewable energy and grid management.

Educational Qualification

- **Bachelor of Science in Electrical Engineering** - Imam Mohammad Ibn Saud Islamic University, Riyadh, Saudi Arabia | 2019 - Present
- **Graduation Project:** Electrifying Riyadh City Ride-Hailing Vehicles: An Assessment of the Need for Public Fast Charging and Their Impacts on the Power Grid
 - Analyzed the feasibility of integrating electric ride-hailing vehicles in Riyadh.
 - Assessed the demand for public fast-charging stations.
 - Evaluated the potential impact on the local power grid.

Training Course & Members

Tuwaiq Academy, Riyadh

- **Engineering Solutions Design and Fabrication | June – August 2024 (160 hours)**
 - Gained hands-on experience in electronics, C++ programming, soldering, and 3D design.

Member:

Imam Mohammad Ibn Saud Islamic University

- **Advisory Council | 2023 – Present**
 - Addressed student concerns and proposed improvements to enhance academic experience
 - Collaborated with faculty to implement solutions supporting student needs

Skills

- MS Office
- 3D Design (AutoCAD, Onshape)
- MATLAB
- Project Management
- Data Analysis and Problem Solving

Languages

- Arabic
- English