Salem Awad S Almutairi *civil Engineer*

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Profile

Fresh graduate in Civil Engineering equipped with fundamental engineering skills. Ready to leverage academic knowledge to tackle real-world challenges, Enthusiastic with a commitment to continual learning and professional growth..

Education

2025/01
Majmaah, Saudi Arabia

Bachelor in Civil Engineering
Majmaah university.

Professional Experience

2024/06 – 2024/08
Hafar albatin, Saudi Arabia

Engineer intern
Hafar Al-Batin Central Hospital

- Gained hands-on experience in supervising civil engineering projects, including overseeing the installation and engineering aspects of parking lot shades and parking spaces..
- Participated in the restoration and renovation of the hospital façade, learning techniques to enhance structural aesthetics while maintaining durability.
- Coordinated with contractors and workers to ensure project timelines and quality standards were met, developing strong project management and communication skills.
- Addressed on-site challenges related to construction and materials, gaining practical problem-solving experience in civil engineering projects..

Graduation Project

Investigation of the Mechanical Properties of Foam Concrete with Scrap Aluminum Engine Rubbish (SAER) as an Additive..

- The study demonstrated that adding scrap aluminum at specific percentages (especially 2.5%) significantly improved the compressive and flexural strength of foam concrete by up to 46% and 41%, respectively, compared to conventional mixes..
- Utilizing scrap aluminum in concrete helps minimize metal waste, which often requires complex and environmentally harmful recycling processes, This project contributes to the development of innovative and sustainable construction materials that reduce reliance on traditional heavy materials while maintaining high performance.
- The project showed that incorporating scrap aluminum reduces the thermal conductivity of the concrete, making it suitable for applications requiring high thermal insulation

Skills

Technical

- Sap 2000 Software
- Safe Software
- Prokon Software
- AutoCAD Softwar
- Microsoft Office Suite

Soft

- Communication
- Team leadership
- Problem Solving
- Adaptability
- Continuous Learning

Languages

- Arabic
- English