

Sultan Khonain

Industrial and system engineer (ISE)

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OBJECTIVE

Utilize my educational knowledge as an Industrial and Systems Engineering graduate from King Fahd University of Petroleum and Minerals to develop my skills and build my experience in a dynamic and rewarding work environment.

EDUCATION

King Fahd University of petroleum & minerals
Bachelor of Industrial and system engineering

2019/08 – 2025/05 | Dhahran, Saudi Arabia

EXPERIENCE

Industrial Engineering Intern
Zamil Air Conditioners

2024/08 – 2024/12 | Dammam, Saudi Arabia

- Conducted time and motion studies to identify inefficiencies in production lines.
- Assisted in data collection and analysis for improving maintenance scheduling.
- Collaborated with cross-functional teams to improve workplace ergonomics and safety standards.

PROJECTS

Portable Block Manufacturing Concrete Machine with CO₂ Injection

Senior Design Project | KFUPM – Industrial, Mechanical, Civil & Chemical Engineering Collaboration

- Designed a portable concrete block manufacturing system integrating CO₂ sequestration to enhance durability and reduce environmental impact.
- Led industrial design and layout optimization to improve resource utilization and minimize setup time (≤3 minutes).
- Contributed to the development of three mathematical models addressing mix optimization, creep/shrinkage reduction, and relaxation behavior in concrete.
- Project aimed to serve government bodies, construction firms, and private developers with a compact, sustainable concrete solution.

SKILLS

Soft skills

- Teamwork & Collaboration
- Problem Solving
- Analytical Thinking
- Positive Attitude

Technical Skills

- MS Office
- Python
- AutoCad
- Arena Simulator

CERTIFICATES

Data Analysis using Python

Issued in Mar 2023 by KFUPM

Industrial Safety

Issued in Jan 2023 by KFUPM

Principles of Project Management

Issued in Nov 2022 by KFUPM

Fire Safety Management

Issued in Sep 2022 by KFUPM

LANGUAGES

- Arabic
- English

REFERENCES

Available upon request.