

Fatima Alfaraj

Industrial and System Engineering Student

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Objective

A highly passionate industrial and system engineer student seeking an internship opportunity to leverage analytical and problem-solving skills in a dynamic and growth-oriented environment.

Education

Bachelor of Industrial and Systems Engineering, 02/2021 – present

King Fahd University of Petroleum and Minerals

- **Major Courses Taken:** Optimization Methods, Production Systems & Inventory Control, Stochastic Systems Simulation, Engineering in Healthcare Systems

Experiences

IEOM Chapter 09/2023 – 05/2024

- Participated in the sponsorship program, honing communication and persuasion skills to forge partnerships and orchestrate major events successfully.

Irshad Program 08/2023 – 09/2024

- Supported incoming female students through the Irshad Program by offering study advice and organizing events aimed at smoothing their transition into university life.

KFUPM Volunteer

- Volunteered at two successive KFUPM graduation ceremonies, contributing to the planning and implementation of honors and public events.

Projects

Quality Prediction in a Mining Process 12/2024

Implemented Statistical Process Control (SPC) using $\bar{X}$ and R charts to monitor and control a mining flotation process, reducing variability and improving product quality for better resource efficiency.

Skills

Technical Skills

Excel, Arena, Simulation, Python

Soft Skills

Teamwork, Leadership, Communication, Critical Thinking, Problem Solving, Strategic planning

Short Courses

Advanced Features in Excel 01/2025

Artificial Intelligence(AI) for Sustainability and Renewable Energy 08/2023

project Management Principles 07/2023

Data Analysis Using Python 06/2023