









# Yousef Elfarra

**Dedicated** and results-driven chemical engineer with a proven track record of academic excellence and a strong foundation in engineering principles. I possess effective communication and leadership skills, coupled with a knack for analytical problem-solving.

## Personal

-  Shaab, Hawally, Kuwait
-  03-04-2001
-  Palestinian
-  Single
-  Male
-  GCC Driving License
-  [yousiffarraa@gmail.com](mailto:yousiffarraa@gmail.com)
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## Languages

Arabic – Native Language  
English – Fluent

## Skills

Problem-solving  
Research  
Project management  
Engineering principles  
Business analysis  
Data analytics

## Tools

Microsoft Office Packages, Aspen Plus V10

## Education

### Bachelor of Science in Chemical Engineering

American University of the Middle East,  
Sep 2019 – Jun 2023  
GPA: 3.75/4.00

## Awards and Certifications

College of Engineering and Technology Honor's List Student 2019 – 2023.

## Additional Skills

- Engineering: Strong grasp of engineering principles and mathematics.
- Communication: Effective oral and written communication skills.
- Leadership: Proven ability to lead and motivate teams.
- Problem-Solving: Exceptional analytical and problem-solving abilities.
- Adaptability: Flexible and open to changes.

## Academic Projects

### Software Projects:

- Conducted an in-depth investigation using Aspen Plus V10 to analyze the impact of different conditions (temperature, pressure, flow rate) on the conversion of ethyl acetate in a packed-bed reactor.
- Designed a control system and simulation for a continuous stirred-tank reactor (CSTR) using MATLAB, SIMULINK, Excel, and MS-Visio, ensuring the maintenance of exit concentration and temperature at reasonable values.

### Graduation Project:

- Absorptive removal of sulfur from oil using hydro-treatment and multiple adsorption methods