

# Yara Galal Sarhan

Zezenia, Alexandria, Egypt  
Ready to relocate : Hadayek el obba, Cairo, Egypt

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## Education:

Bachelor's degree in chemical engineering 2022, Alexandria University.

ElNasr Girl's College (E.G.C).

## Graduation project:

**A Comprehensive Study On Advanced Oxidation Processes for Wastewater Treatment.**

**Grade: Excellent.**

In this project we discussed the new methods wastewater treatment, especially the Advanced Oxidation Processes (AOPs). Which refer to a set of chemical treatment procedures designed to remove organic and inorganic materials in wastewater by oxidation through reactions with hydroxyl radicals (-OH). We also chose a specific type of (AOPs) using **Sonolysis Technique** and its combination with **Fenton, Photo-Fenton, and Electro-Fenton (sono-electro-fenton)**.

## Courses:

- Diploma in OSHA certified from OSHA .
- Quality Control Training by (UCCD in cooperation with A.U.C).
- Process Simulation by ASPEN HYSYS.
- Rotary equipment in oils and gas by (SPE).
- Communication skills by (OGS).
- Supply chain .

## Internships:

- Chemical engineer intern at **Alex. Petroleum company**  
Introduction to heat exchangers and its types and pipelines for Crude oil refining.
- Quality control engineer intern. at **AMOC**  
Introduction to mineral oil and wax production using vacuum distillation technology .

- Chemical engineer intern at **Egyptian Projects Operation & Maintenance (EPROM)**

Introduction to pipelines and tanks and safety precautions for a safe shutdown and maintenance techniques for the optimisation of equipment procedures and departmental budgets to achieve better maintainability of equipments.

- Unit operations intern at **ANRPC**

How petroleum products are produced by hydro cracking methods.

- Hazard analysis and recommendations when a shutdown at **ELAB.**

General supervision, accident investigations and safety inspection before hazards , safety programs and protocols , necessary procedures at emergency situations.

## **Summary:**

Dedicated chemical engineer with excellent communication, time management and computer skills. Aiming to leverage my abilities to successfully fill the vacancy at ExxxsonMobil.

Frequently praised as hardworking by my peers, I can be relied upon to help your company achieve your goals . Always eager to learn more.

## **Skills:**

- Fast learner.
- Leader ship
- Team player.
- Multi tasker.
- Time management
- Excellent presentation skills.
- Issue resolution.
- Adaptation to changing environments.
- Problem solving.
- Eager for new activities.
- Communication skills.
- Creativity.
- HYSYS.
- Powerpoint.

## **Languages:**

- Arabic (native language).
- English (fluent).
- French (moderate).

## **Extracurricular activities:**

- HR at Society of petroleum engineers (SPE).
- Organizer at rotaract pharos lighthouse .
- Active member at Sunaa Alhayah .
- Public relations at (MW).
- Organizer at Health Keepers.