

# Haidar L. Abdullah

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## Profile

I am a chemical and oil refining process engineer with good academic knowledge of industrial oil and gas processes, including oil water separation, wastewater treatment, and various oil and gas refining and processing operations.

## Core capabilities

- Accomplish objectives and work well with- {Excellent at troubleshooting equipment or out direction. Situations}
- Process and Multiphysics simulation. { Statistical analysis, design of experiment and engineering computing}

## Education

2023–2026 **M.Sc. Eng.**, Chemical and petroleum Engineering, University of Technology, Baghdad-Iraq.

**Theses Name:** Applied of Honeycomb Structure Packing and Nano-Catalysts to Enhance Degradation of Organic Materials from Petroleum Refinery Wastewater using Ozonized Bubble Column Reactor

2018–2022 **B.Sc.**, Chemical and petroleum Engineering, Basra University for Oil & Gas, Basra-Iraq.

**Graduation rate:** Very good (81.7)

**Graduation Project:** Production Process of LPG from Associated Natural Gas

## Courses

- Natural Gas Processing
- Petroleum Refining Processing
- Mass& Energy Balance
- Industrial Safety
- Process & Dynamic Control
- Petroleum Industries
- Industrial Organization and Management
- Catalyst in Petroleum Refinery

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## Computer skills

MATLAB, Microsoft Office (Word, PowerPoint, Excel, and Access), Aspen HYSYS, Microsoft Windows, Visual Basic, and AutoCad.

- I hold a certificate of Computer programming proficiency from the Information Technology Center - University of Basra, Iraq, with **Excellent** grade.

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## Languages

English **Advance**

I hold a certificate of English language proficiency from the Information Technology Center - University of Basra, Iraq, with a **very good** grade.

Arabic **Mothertongue**

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## Experience

- Wastewater treatment field
- Liquefied petroleum Gas production operations
- Chemical laboratories (preparation of materials, instrumental analysis, water and soil testing)
- Writing scientific reports and research papers
- Office technologies (document printing, photocopying, scanning, and portrait photography)