

# GHINA ABBAS

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## EDUCATION

### American University of Beirut

Sep 2021 - Present

- GPA : 3.98/4.0
- Full Scholarship recipient : Qatar Scholarship-EAA Program
- Dean's Honor List mentions: Fall 2021-2022, Spring 2021-2022, Fall 2022-2023, Spring 2022-2023, Fall 2023-2024, Spring 2023-2024, Fall 2024-2025.
- Relevant Courses: Chemical Engineering Thermodynamics, Separation Processes, Process Instrumentation and Measurements, Fluid Mechanics, Mechanical Unit Operation, Heat Transfer, Process Design, Reactor Design, Safety, Process Control

### Saint Joseph de L'Apparition Beirut

Sep 2006 - Jul 2021

- Graduated with distinction
- Lebanese Baccalaureate Official in 2021 with mention "Very Good" (scored 18.4/20)

## WORK EXPERIENCES

### LibanJus - Internship

29 Jul 2024- 24 Aug 2024

- Conducted daily lab tests for water treatment, including pH, TDS, hardness, and conductivity tests to ensure water quality and safety.
- Worked in Reverse Osmosis (RO) water treatment processes for both drinking water and CIP systems.
- Participated in quality control tests for juice products, focusing on acidity titration and sugar content measurements.

### Wisewell - Internship

10 Jun 2024 - 10 Aug 2024

- Wrote and published informative articles on water filtration systems for the company's website.
- Collaborated with the team to develop marketing strategies focused on highlighting the benefits of clean and filtered water.

### Benta Pharma Industries - Internship

Jun 2024

- Rotated through four departments: Quality Assurance (QA), Quality Control (QC), Research & Development (R&D), and Production, gaining insights into pharmaceutical manufacturing processes.

### Research Assistant

Dec 2023 - Current

- Carbon Capture
- Methane Cracking using Molten Metal Media
- ABS plastic Extraction from Electronic Waste

### Teacher Assistant

Sep 2023 - Current

- Provided comprehensive overview of Fluid Dynamics to provide E2 chemical engineers under the guidance of Dr. Elsa Maalouf
- Gave Thermodynamics (I) & Thermodynamics (II) recitation classes for the first and second year chemical engineering students

## EXTRA CURRICULARS

### IDEAS 2025 - Competition

April 2025

- Won the Creative Achievement Award for best final project in Chemical Engineering.

### IAESTE - Club

Sep 2023 - Current

- Vice president
- Event Planner

### AICHE - Club

Sep 2023 - Aug 2023

- K-12 Officer: Inspiring future generations of chemical engineers through educational outreach programs

### SSEA- Club

March 2023

- Conducted research and contributed in the reduction of AUB's food waste by suggesting the use of an anaerobic composting machine

## VOLUNTEERING

### Ahlouna

Feb 2025

- Assisted in meal preparation and kitchen operations to support women in need of an income.

### Children Heart Center - AUBMC

July 2019

- Provided assistance to patients and their families
- Assisted in administrative duties, escorted patients to their appointments, distributed meals
- Worked at the desk, handled appointments

## SKILLS

MICROSOFT OFFICE (WORD, EXCEL, POWERPOINT), MATLAB, AUTOCAD, PYTHON, ASPEN HYSYS, LOOP PRO

## LANGUAGES

ARABIC: NATIVE  
ENGLISH: FLUENT  
FRENCH: FLUENT