

Khalil Gholam

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EDUCATION

American University of Beirut (AUB), BEng in Mechanical Engineering Sep 2021 – Present

- Cumulative GPA: 3.56/4.0; Dean's Honor list
- Activities and societies: AUB Consulting Club, ASME, LAAS, Automotive Club, Robotics Club, Frisbee Varsity Team, Financial Intelligence club.

Sagesse Saint Jean Brasilia, General Science

Sep 2006 – Jun 2021

- Lebanese baccalaureates with high distinction
- Activities and societies: Astronomy Festival organizer, Class representative (2017-2018)

PROFESSIONAL EXPERIENCE

Suzuki, Mechanical Engineering Intern

Dec 2023

- Managed +100 clients to assess vehicle issues and adjustment timeframes.
- Organized and managed the workflow, day-to-day operations, and schedule of a 15-person service team.

Maserati, Mechanical Engineering Intern

Jan 2024

- Enhanced vehicle performance through precision repairs, diagnostics, and routine maintenance.
- Collaborated with technicians to identify and resolve complex mechanical issues, optimizing repair workflows.

Dar al Handassah, Consulting intern

May 2024– Jul 2024

- Mastered the latest technological developments in HVAC systems Design.
- Spearheaded a project on Hourly Analysis Program (HAP) for projects in Neom, resulting in 8% less energy consumption.

Berlinger Elevators, Mechanical Engineering Intern

Jun 2023- Aug 2023

- Produced detailed CAD drawings for elevator parts, reducing design errors by 15%.
- Negotiated material supply schedules, ensuring 100% on-time deliveries and a cost-effective project completion.

RESEARCH EXPERIENCE

MSFEA, Undergraduate Mechanical Research

Oct 2024 – Present

- Optimizing control of wind turbines with future plans of increasing its maximum efficiency by up to 3-4%

EXTRACURRICULAR EXPERIENCE

Lebanese National Conservatory of Music, Musician

Sep 2015- Jun 2020

- Performed as part of an eastern percussion band, participating in over 10 festivals and enhancing team collaboration.

American University of Beirut (AUB), Competitor

Apr 2023

- Led a team of 3 engineers to design and build a glider, achieving improved flight stability.

National Sports Academy, Player

Sep 2019 – Jun 2021

- Competed in the Lebanese U18 Basketball Championship, demonstrating leadership and teamwork under high-pressure.

Private Tutoring, Tutor

Oct 2021– Jun 2023

- Developed personalized lesson plans for math, physics, and chemistry, boosting student performance by 20%.

VOLUNTEERING

Offre Joie, Volunteer

Aug 2020 – Present

- Coordinated reconstruction efforts post-Beirut explosion, contributing to the rehabilitation of over 20 buildings.
- Served as a camp monitor in summer camps for 60+ children, organizing educational and recreational activities.
- Organized kitchen crews to increase meal production around 2,500 daily and led distribution to 500+ families in Beirut shelters.

AUB Outdoors, Volunteer

May 2023

- Completed event setup 3 days ahead of schedule with the construction team.

Les Scout du Liban, Volunteer

Jan 2015 – May 2021

- Managed group finances and resources, ensuring the successful execution 5+ camps annually.

SKILLS & PERSONAL

Certificates: Foundation of Project Management (Google), Delf B2, Business Analysis & Process Management (Coursera)

Languages: Arabic (native), English (fluent), French (proficient), Russian (Elementary)

IT: Office Package (Word, Excel, PowerPoint, Access), Python, Matlab, Simulink, AutoCad, Revit, HAP, ANSYS, SolidWorks, Homer

Interpersonal skills: Project Management, Working Under Pressure, Team Leadership, Adaptability, Decision-Making