

Ziad El Asmar

Mechanical Engineering Undergrad

Enthusiastic and hardworking student always looking to learn more to achieve his ambitions.



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EDUCATION

American University of Beirut (AUB) BE in Mechanical Engineering

08/2019 - Present

Cumulative GPA of 3.64/ Dean's honors list twice / Expected graduation: 06/2023

Engineering Courses

- CAD (A+)
- Statics (A)
- Dynamics (A-)
- Thermodynamics I (A)
- Fluids, Manufacturing, Instrumentation and numerical computing (Ongoing)
- Engineering Materials (A+)
- Computational Programming (A-)
- Electric circuits (B)
- Electronics (A+)
- Mechanics of Materials (A)

American University of Beirut (AUB) Minor in Business

08/2021 - Present

Business Courses

- Financial Accounting (A+)

Rawdat El Fayhaa Secondary School Lebanese Baccalaureate - GS

09/2004 - 06/2019

Official Exams Results

- 17.67 / 20 (Very Good) - Grade 12
- 18.926 / 20 (Excellent - Ranked 5th in Lebanon) - Grade 9

WORK EXPERIENCE

Aircraft Maintenance Engineering Intern Mideast Aircraft Maintenance Services Company (MASCO) - Middle East Airlines (MEA)

08/2021 - 09/2021

Beirut, Lebanon

MASCO is a subsidiary of MEA responsible for line, light and heavy maintenance at Beirut International Airport with over 60 years of experience.

Achievements/Tasks

- Discovered the various departments and workshops within the company along with their duties (CAMO, MCC, metals workshop, composites workshop, tires workshop, NDT, and avionics).
- Accompanied engineers and technicians while performing their duties on site.
- Got hands-on experience on how to treat damage on metal and composite parts on a mock plate.

SKILLS

AutoCAD

PTC Creo

Python

Microsoft Office

LabView

Academic and Technical Writing

Teamwork

Resilience

Hardwork

Multisim

Inventor

MATLAB

OpenRocket

EXTRACURRICULAR ACTIVITIES

Rawda Road Safety Club (2017 - 2019)

- Founding Member
- Organized a self-funded event to raise kids' awareness about the importance of seatbelts, responsible driving...
- Attended a nation-wide conference about road safety
- Featured on national television

High School Handball Team Player (2017 - 2019)

- 2nd Place in the North Lebanon Championship (x2)

IDEF2021 Defense Fair (08/2021)

- Various meetings with leading defense companies such as OTOKAR

LAAS Openrocket workshop (02/2022)

- Learned the basics of designing a rocket and running simulations using the OpenRocket software

CERTIFICATES

DELFB2

French proficiency of B2 level

LANGUAGES

English

Full Professional Proficiency

French

Professional Working Proficiency

Arabic

Native or Bilingual Proficiency

INTERESTS

Aviation and aerospace

CAD

Design and manufacturing

Defense

Football

Skiing

Reading