

BAHAA NASR

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PROFESSIONAL SUMMARY

Mechanical Engineering student at LAU and part of its Honors program. I am a USAID Higher Educational Scholarship scholar, ranked among the top 20 in the Lebanese Official Baccalaureate GS, and a member of the ASME club.

EDUCATION

LEBANESE AMERICAN UNIVERSITY <i>Mechanical Engineering student</i>	BYBLOS, LEBANON Sept. 2022 – JUNE. 2026
<ul style="list-style-type: none">CGPA: above 3.6: Named on the Dean's distinguished list.Awarded USAID HES scholarship and attending more than 5 workshops per semester	
COLLEGE LE-LYCÉE NATIONAL <i>General Science</i>	CHOUAIFET, LEBANON JUNE. 2022
<ul style="list-style-type: none">Grade: 18.167/20: Ranked among the top 20 students in Lebanon	

PROFESSIONAL EXPERIENCE

LEBANESE AMERICAN UNIVERSITY	BYBLOS, LEBANON
<ul style="list-style-type: none"><i>Engineering Summer Camp:</i> Leading high school students in their activities for 5 weeks in the Engineering Summer Camp at LAU Byblos<i>Tutor- Career Services Office:</i> Tutoring Strength of Materials: MEE major course for a class of second-year students<i>Undergraduate Research:</i> Designing 3D-printable wearable device for physical rehabilitation, using soft pneumatic sensing technologies.	<i>Jun.2024-JULY2024</i> <i>2024 – 2025</i>

PROJECTS

SOLIDWORKS	SEPT.2023 – DEC. 2023
<ul style="list-style-type: none">Certified SolidWorks Associate in Mechanical Design CSWA- CertificateModeled a full V12-Engine project certified by the Lebanese American University	
LEBANESE AMERICAN UNIVERSITY	BYBLOS, LEBANON
<ul style="list-style-type: none"><i>Blinker: Robot for visually impaired</i> Prototype of a robot that aids visually impaired individuals to walk around campus. Manufacturing its parts, designing its linkages, and designing the sensors and its electronic components.<i>Water level control system:</i> Prototype of a water level control system for a dam. Integrating a PID controller in a closed loop feedback system with the required sensors and electronic components.	<i>April 2024</i> <i>Dec. 2024</i>
MILLENNIUM FELLOWSHIP	BYBLOS, LEBANON
<i>Completed Millennium fellowship certified Project: Mentoring the Future</i>	<i>2023-2024</i>

VOLUNTEERING EXPERIENCE AND SOCIAL ACTIVITIES

LEBANESE RED-CROSS CHOUAIFET SECTOR <i>Completed volunteering hours in this sector</i>	CHOUAIFET, LEBANON <i>2022-2024</i>
AL BENNAY CHARITABLE CLINIC <i>Volunteer at this medical clinic</i>	ALEY, LEBANON <i>2022-present</i>
USAID HES COMMITTEE Volunteer in tutoring USAID university students	BYBLOS, LEBANON <i>2023-2024</i>
COMMUNITY SERVICE PROJECT Funded by USAID HES, our project focused on promoting afforestation awareness and distributing agricultural hand tools among farmers to encourage sustainable practices.	BYBLOS, LEBANON <i>2023-2024</i>

LANGUAGES

- Arabic C2 • English C2 • French A1

TECHNICAL SKILLS

- Java – MATLAB – LabVIEW – SolidWorks – EES – SIMULINK- G-code: Certified courses at LAU
- Debating: certified course at LAU

EXTRACURRICULAR ACTIVITIES

Football (earned a medal) – Gym – Kickboxing (earned a medal) – Basketball (earned a medal)