



YARA HASSAN

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Engineering Enthusiast

I am a Mechatronics engineering student with hands-on experience in software development and process optimization. Passionate about applying technical skills and strategic thinking to create scalable solutions.

Education Background

- BE in Mechatronics Engineering**, Lebanese American University – LAU (2028).
- Lebanese Baccalaureate Program**, Saints-Coeurs School, Lebanon (2024).

Certificates

- Foundational Consulting Skills**, Mustashar Accelerator, November 2025.
- First Aid Workshop, Red Cross**, July 2025.

Professional Experience

BitMinds Tripoli, Lebanon

May 2025 – August 2025

Software Programming Expert (Intern)

- Analyzed business workflows and operational inefficiencies and developed a prototype full-stack e-commerce platform using PHP, JavaScript, and MySQL.
- Applied structured problem-solving, process optimization, and solution design to deliver a scalable, business aligned digital solution.

Extracurricular Activities

Rotaract LAU Club, Byblos, Lebanon

February 2025 – Present

PROJECT CO-LEADER

- Co-Leading a community initiative to collect and donate books to local schools, impacting 60% of students by improved access to learning materials.

LA GUITARA, Tripoli, Lebanon

Septembre 2021 – Curent

VIOLIN TEACHER AND PERFORMER

- Provided one-on-one violin instruction from beginner to intermediate levels while performing as a soloist and in small ensembles at community and cultural events, demonstrating teaching, performance, and communication skills.

LAU Case Competition, Byblos, Lebanon

February 2025 – March 2025

TEAM MEMBER

- Participated in LAU case competition 2024-2025 analyzing a complex case by evaluating financial data, market trends, and stakeholder concerns to define the core strategic challenge.
- Developed strategic recommendations and presented findings to the competition judges.

NEXT BIG THING (NBT), Tripoli, Lebanon

September 2021 – Current

VOLUNTEER AND COMPETITOR

- Assisted with festival operations by managing visitor check-in, providing directions, and supporting event logistics to ensure a smooth and enjoyable experience for attendees
- Competed in FDM Debate Competition for Lebanese Schools formulating persuasive arguments, analyzing counterpoints, showcasing agile analytical thinking under pressure and presenting to a panel of judges.

SENSHI SUMMER CAMP, Tripoli, Lebanon

June 2023 – August 2023

COACH

- Coached and supervised children aged 4-13 in rhythmic gymnastics and volleyball, fostering physical development, teamwork, and safety for groups of up to 40 participants.

Affiliations

- Red Cross Youth Member since November 2025.

Hobbies

Violin (11 years), Volleyball (5 years), Rhythmic Gymnastics (13 years), Cooking/Baking.

Skills

Software Proficiency: MS Office, C++, HTML, Java, Python, AutoCAD, Robotics Programming.

Languages

English (Fluent), French (Fluent), and Arabic (Native).