



# 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
<b>Software Programming Expert (Intern)</b>	
• 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
<b>PROJECT CO-LEADER</b>	
• 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 – Current
<b>VIOLIN TEACHER AND PERFORMER</b>	
• 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
<b>TEAM MEMBER</b>	
• 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
<b>VOLUNTEER AND COMPETITOR</b>	
• 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
<b>COACH</b>	
• 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).