

Monique Tabet

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EDUCATION

From 2021 till now	Georgia Institute of Technology Expected graduation year: Spring 2023 <ul style="list-style-type: none">• BE in Mechanical Engineering, with concentration in Robotics• Cumulative GPA: 4.0/4.0• Member of the Robotics club and EcoCAR	Atlanta, Georgia
From 2019 till 2020	American University of Beirut <ul style="list-style-type: none">• BE in Mechanical Engineering:• Cumulative GPA: 3.81/4.0• Member of the Biomedical Engineering Society (BMESS)	Hamra, Lebanon

PROFESSIONAL EXPERIENCE

From 5/2021 to 7/2021	OPAL-RT Position held: Robotics Intern <ul style="list-style-type: none">• Analyzed the dynamics of a 3 DOF planar robot.• Programmed in RT-LAB simulator, MATLAB, and SIMULINK.• Established proper data flow and communication between cloud platforms within internal company server architecture.	Atlanta, Georgia
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PROJECTS

01/2021 to 05/2021	RoboJackets, Georgia Institute of Technology <ul style="list-style-type: none">• Collaborated with a team of 4 to design, implement and 3D print a wrestling robot to achieve maximum efficiency, velocity, and lifespan.• Assembled external hardware of the robot• Experimented with different manufacturing tools to design the wrestling robot for competition.	Atlanta, Georgia
From 09/2019 till 10/2019	Sumo Robot Competition, American University of Beirut <ul style="list-style-type: none">• Assembled a robot with Legos from its core to completion, including coding with my team.• Led a team of 3 engineering undergraduates to design the wrestling robot.• Developed code responsible for the robot's behavior.	Hamra, Lebanon

LEADERSHIP

Tutoring: Dealt with different kinds of personalities and customized an appropriate teaching approach.

Girl Scout Troop Leader: Influenced and mentored 20 young women.

Woman's soccer team at American University of Beirut: Served a woman's soccer team as captain.

SKILLS

Languages: Fluent in English, French, and Arabic.

Related Coursework: Heat transfer, Fluids, Thermodynamics, System dynamics, Deformable Bodies, Computing Techniques and OOP.

Computer Skills: Java, JavaFX, C++, MATLAB, Simulink, SOLIDWORKS, GitHub, 3D printing, Ultimaker Cura, Arduino UNO, AutoCAD, PTC Creo parametric, LabVIEW.

Technical Skills: MIL, Machine Design, Laser Cutting, Machining, Risk Assessment, Failure Mode and Effects Analysis(FMEA).

Communication: Presentations, Email, Microsoft Office.

Soft Skills: Leadership, Communication, Teamwork, Creativity, Problem solving, Analytical thinking.