Rached El Bitar

rached.elbitar@lau.edu

71603916

linkedin.com/in/ rached-elbitar10

github.com/RachedElbitar10

SKILLS

Programming Languages
Python, Java, Arduino, JavaScript

Front-End
React, HTML, CSS, Ux/Ui design

Computer Skills
Machine Learning, SolidWorks, AutoCAD, LabVIEW, Raspberry Pi, Pixhawk, Figma, Microsoft

CERTIFICATES

- Money Management, AUT
- Delf - B2
- CSWA

LANGUAGES

- English
- French
- Arabic

HOBBIES

Arduino Projects

Chess

Hiking

FootBall

PROFILE

I'm a 20-year-old mechatronics engineering student seeking a job opportunity in robotics or machine learning. I excel in collaborative projects requiring innovation and technical expertise, especially in robotics and programming, and I am dedicated to continuously expanding my knowledge and skills.

EXPERIENCE

Car Mechatronics Training,
Continuous Vocational Training Center
July 2024 – present
Sixth-month training in mechatronics cars with accredited certification from the Lebanese Ministry of Education, covering diagnostics, ECU repair/tuning, airbag crash data clearing, and mileage correction.

Fellows Program, LebNet Tech
January 2025 – June 2025
Sixth-month fellowship program that equips the next generation of Lebanese technologists with both technical and soft skills, drawing from expertise across various industries.

Robotics Training, Junior Engineers
July 2021 – August 2021
trained with LEGO EV3, developed skills to design and control robotic systems.

Assistant, Bitar Real Estate
present
Assisted in running the family business, managing social media accounts, and engaging directly with clients.

EDUCATION

Lebanese American Univeristy,
BE-Mechatronics Engineering
2022 – present

PROJECTS

RMD: Rescue Mission Drone, Fall 2024
Developed a drone project utilizing a Pixhawk flight controller for stable and efficient flight operations, coupled with Raspberry Pi to integrate and control a camera for real-time video capture. The system was designed to execute precise maneuvers while providing live visual feedback, making it suitable for applications such as surveillance and search-and-rescue missions.

4WD Multi-Function Smart Car, Fall 2023
Designed a 4WD Arduino-based smart car with obstacle avoidance, line following, and both Bluetooth and remote control capabilities

E-commerce, Spring 2024
Took charge of the front-end development for an e-commerce website. Designed and implemented an intuitive, user-friendly interface that ensures a seamless shopping experience using HTML, CSS, and JavaScript.

Smart Active Spoiler, Spring 2024
Developed a car modeled after the Cybertruck, utilizing an Arduino microcontroller and LabVIEW for coding. The key innovation of this project is a smart active spoiler that deploys automatically based on the pressure measured on the tires.