

KARIM SADEK

Semkanieh, El Shouf, Mount Lebanon
Languages: English, Arabic and French

(+961) 81 84 68 28
✉ karim.akram.sadek@gmail.com

A practically minded and physically fit Mechanical Engineer with a proven track record in problem-solving and innovation. Eager to contribute expertise to a dynamic engineering team within a global leader offering excellent opportunities for career growth and advancement. Passionate about technology and committed to excellence, I bring a fast-learning aptitude, collaborative spirit, and extensive knowledge in various aspects of mechanical engineering, including but not limited to engine dynamics, transmission systems, suspension design, braking mechanisms, and electrical systems.

Education

B.E in Mechanical Engineering **Lebanese International University LIU, Beirut** **2018 – 2023**

Main Courses: Thermodynamics, Advanced Heat Transfer, Turbomachinery, Machine Design, Mechanical Systems, Control Systems, Hydraulic and Pneumatic Systems, Internal combustion Engine, Industrial Electronics

Technical Baccalaureate in Automotive Mechanics **Lycée Technique Bakaata, Mount Lebanon** **2014 – 2017**

Experience

Akram Sadek Auto Repair Shop **Mount Lebanon** **2022 – 2023**
Shop Coordinator

- Used diagnostic tools and equipment to identify and troubleshoot mechanical, electrical, and electronic issues in vehicles.
- Conducted diagnostics and repairs on engines, automatic and manual transmissions, including fluid changes, clutch replacements, and gearbox repairs.
- Managed relationships with suppliers and vendors, gaining exposure to the procurement process for automotive parts and products.

Ghassan Youssef Mustafa Company **Mount Lebanon** **2021 – 2022**
Mechanical Engineering Intern

- Assisted in the design and installation of mechanical and electrical controlled systems during the construction of prefabricated houses, gaining practical experience on-site.
- Participated in routine maintenance tasks for machinery used in the production process, including but not limited to CNC machines, saws, and assembly line equipment.
- Contributed to the maintenance of both mechanical systems and appliances used in prefabricated houses, such as kitchen fixtures, HVAC units, and other wood and aluminum-based appliances.

Akram Sadek Auto Repair Shop **Mount Lebanon** **2014 – 2021**
Automotive Technician – Part-time

- Assisted in performing engine diagnostics, repairs, and overhauls, including tasks like changing oil, replacing filters, worn or broken parts like piston rings, bearings, or other engine parts.
- Inspected, repaired, and replaced brake components, including brake pads, rotors, calipers, and brake lines.
- Performed tire rotations and alignments, and replaced tires as needed. Checked and adjusted tire pressure.
- Kept work areas clean, tidy, organized and safe from hazards to health and safety.

Software Skills

- MS Office, Java script, MATLAB, LT-Spice, AutoCAD, Solidwork, OBD2 Readers, Auto Data

(References are available upon request)