

FADI SEMAAN

📍 Beirut, Lebanon ✉ fadisemaan@outlook.com ☎ +96170456234

🧩 TECHNICAL SKILLS

CAD Software (AutoCAD, Revit, SolidWorks),
Computer (Microsoft Suite, C++, Arduino),
Data analysis, Project management,
Quality Management Systems (QMS),
Mechanical Maintenance, Robot Design

🧠 KEY SKILLS

Intellectually Curious
Highly Detail-oriented
Strong collaborative team player
Communication and active listening skills

📁 PROFESSIONAL EXPERIENCE

May 2021 – present

Inspection Engineer

Navy Group Co. Ltd./Robinson International

- Providing petroleum and petrochemical services including cargo supervision, tank calibration (as per API, ASTM, and IP Standards), quality/quantity inspection, sampling, and testing through accredited laboratories.
- Conducting field reports, cargo loss analysis, and calculations for compressible and incompressible liquid transfer systems on behalf of the Lebanese Ministry of Energy.

Apr 2012 – present

Comprehensive Executer

Independent Projects

- Electrical work: Residential circuit design and installation
- Mechanical work: Design and prepare MEP calculations and drawings
- Woodwork: Bedroom and Kitchen cabinets execution from design to installation

Jun 2021 – Sep 2021

MEP Site Engineer Intern

Kfoury Engineering & Contracting, Lebanon

- Worked in designing HVAC, heat load calculations, duct-sizing, BOQ, firefighting, and drainage
- Supervised the execution of mechanical and electrical works
- Verified the implementation of tasks based on design maps

Jan 2015 – Dec 2020

Private Tutor

Self-employed

- Provided one-on-one educational support for high school students in mathematics and physics
- Tailored student group sessions for state exams
- Ensured students have a thorough grasp of knowledge as well as logical and critical thinking

Aug 2016

Automotive Technician Intern

Mercedes-Benz Agent in Lebanon (T. Gargour & Fils S.A.L)

- Solved mechanical and electrical failures
- Provided service and repair for ACTROS Truck
- Responsible for disassembling mechanical systems to service individual components
- Conducted preventative maintenance and testing including engine tune-ups, damper servicing, and others

EDUCATION

- 2022
- Bachelor of Engineering in Mechanical Engineering**
Notre Dame University, Lebanon
- Capstone: *MPS – Metal-Plastic Shredder Machine*
Conceived, designed, built, and evaluated an eco-friendly automated device that separates the plastic and metal of waste cables and wires

MEMBERSHIPS & ACTIVITIES

- 2017 – 2019
- The American Society of Heating, Refrigerating, and Air-Conditioning Engineers - ASHRAE (Student section at NDU)**
Event Manager
- Organized several events, field trips, and workshops
- 2017 – 2018
- The VEX Robotics Competition in Lebanon**
Committee Member
- Participated in organizing and promoting the VEX Competition
 - Acted as judge for the VEX Robotics Competition
- 2014 – 2016
- Engineers Without Borders (EWB)**
Member
- 2016 – 2018
- Consulting Club – NDU**
Committee Member
- Assisted in organizing certified Student Leadership Training weekend (SLTII) aiming to enhance teamwork, leadership, and soft skills
- 2015
- The American Society of Mechanical Engineers – ASME**
Member

CERTIFICATES

- Lean Sigma Certification**
Six Sigma Global Institute
- First Aid Training**
Lebanese Red Cross

LANGUAGES

- English
- French
- Arabic