



Mostafa Fakhri

Mechanical Engineer

+961-76171901

Mostafafakhri1@outlook.com

www.linkedin.com/in/mostafa-fakhri-3798771b4

Mechanical Engineer with a passion for solving and designing solutions for different engineering problems. Good at working and collaborating with team members to strive for the best possible results.

PROFESSIONAL EXPERIENCE

Mechanical Design Engineer

Multiplastic, Bchamoun, (May2022 – Sep 2022)

- Design and Manufacture of Plastic Injection Molds.
- Material treatment.
- Part design and Assembly animation and simulation.
- Program and manually nest all prototypes for CNC production.
- Prepare a detailed drawings of mechanical devices that include dimensions, manufacturing methods, and other engineering information.

Mechanical Design Engineer

3D Maker Shop, Beirut, (June 2021 – April 2022)

- Design, optimize, and slice 3D models for projects.
- Maintain production line of 3D printed projects for 10 printers.
- Calibrate, repair, and test 3D printers.
- Material Handling and Parts Measuring.
- Team leader for team of 5 engineers.
- Programming and Mechatronics.

Trainee

RYMCO, Beirut, (Aug2020 – September2020)

- Investigate the failures of car parts.
- Full review on all equipment used.
- Resolve automotive technical problems.
- Work flexibly as part of a team and provide support to other team members.

EDUCATION

Bachelor of Engineering, Mechanical Engineering

Beirut Arab University, (2017-2021)

Baccalaureate Degree in Life Science, (2017)

LANGUAGES

Arabic Language — Native

English Language —Full Professional Proficiency

German Language —Limited Working Proficiency

PERSONAL PROJECTS/RESEARCHES

- Full mold design and manufacturing for plastic bottles.
- Robotic arm designed on Solid works, made on a 3d printer and controlled by Arduino.
- Final year project “Investigation on Combustion, Performance and Emissions of Automotive Engine Fueled with Ethanol Blended Diesel”.
- Small press machine for recycling designed on AutoCAD, produced using laser cutting and welding.
- Portable AC
- 3D printed Zoetrope
- Drawing bot

WORKSHOPS

- Blow and injection molding
- CNC
- Arduino
- MATLAB
- PLC
- Introduction to Artificial Intelligence and Machine learning
- Start a business

EXTRA CURRICULAR ACTIVITIES

- Red Cross volunteer
- The American Society of Mechanical Engineers (ASME) committee member
- Beirut Arab University book club
- Donner Sang Compter (DSC) volunteer

SKILLS

Technical skills:

- SOLIDWORKS 3D CAD/CAM and Simulation
- Mechatronics and Robotics
- 3D printing
- AutoCAD
- Arduino
- Programmable logic controller
- MATLAB
- Python
- LabVIEW
- Microsoft Office (Word-Excel-PowerPoint)
- Autodesk PowerMill

Personal skills:

- Leadership
- Quick learner
- Problem-solving
- Creative
- Organizational
- Multi-tasking
- Drawing