



Maroun EL KATTAR

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in marounkattar

PROFILE

Dedicated and motivated engineer Looking for a final year Internship in mechatronics engineering where I can learn and apply extended skills, be introduced to new concepts and already refine acquired knowledge.

EDUCATION

Bachelor in Mechatronics Engineering

Beirut, La Sagesse university-Polytech Beirut

2017 – present | Beirut, Lebanon

BT3 électrotechnique

Foyer de la providence

2014 – 2017 | Salhieh, Lebanon

PROFESSIONAL EXPERIENCE

3d Maker shop-Internship

Mechatronics Engineer

06/2022 – present

- design projects using SolidWorks
- 3d print using Cura, Simplify and Prusaslicer
- build many projects using Arduino

Oculi-Internship

Computer Vision Research Engineering

02/2022 – 05/2022

- efficient research
- Wrote daily reports and organized data presentations
- Worked in collaboration with other researchers
- Implemented innovative algorithms solutions
- Tested the efficacy of products and analyzed the results
- Evaluate my skills in python, NumPy, and OpenCV.

Cube3dp-Internship

01/2022 – 03/2022 | Mansourieh, Lebanon

- Evaluate my skills in SolidWorks and 3d drawing
- Understanding how 3d printers work
- Detect and repair any 3d printer
- Learn how to manage and coordinate a 3d project with a client
- Manage daily activities, and provide solutions.

Mechatronics/ Robotics project

2021 – present

- Several projects related to Mechatronics and Robotics
- Embadded system
- Artificial intelligence
- Internet of Things (IOT)

Smart home services

2020 – present

- Planning Smart Home Services.
- Energy Management
- Home network
- Home Automation

Electrician technician

2015 – 2017

- Independent Electrician technician

LANGUAGES

Arabic | English | French | Espanol

CERTIFICATES/COURSES

Robotics Specialization

University of Pennsylvania through Coursera

- Robotics: Aerial Robotics
- Robotics: Computational Motion Planning
- Robotics: Mobility
- Robotics: Perception
- Robotics: Estimation and Learning
- Robotics: Capstone

Improve Your English Communication Skills Specialization

Georgia Institute of Technology through Coursera

- Write Professional Emails in English
- Speak English Professionally: In-Person, Online & On the Phone
- Build Your Professional ePortfolio in English
- Take Your English Communication Skills to the Next Level

Microsoft 365 Fundamentals(3 of 3 courses)

By Microsoft through Coursera

- Work Smarter with Microsoft Word
- Work Smarter with Microsoft Excel
- Work Smarter with Microsoft PowerPoint

VEX123

DELFB2

Institut Français in Liban

ORGANISATIONS

Beirut AI

Member

2022 – present

Robotshop community

member

2021 – present

Lebanese Red Cross volunteer

2013 – present

- Ambulance driver EMS
- MCI FAT: mass casualty incident
- Member in search and rescue team (SAR)
- Head of station youth department (2015-2016).

Before We Die Club

Founder

2020 – 2021

Before we die club for outdoor extreme activities (canyoning, climbing, camping).

SKILLS

Microsoft 365

LabView

Matlab

assembly PIC

Solidworks

AutoCAD

PLC

Proteus

Logical Circuit

TinkerCad

Fritzing

OpenCV

Arduino

C/C++

Python

nodeRed