

# Abdulrahman Assaf

## Mechanical Engineer

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### Professional Experience

#### Internship, IPT PowerTech Group

08/2022

Beirut, Lebanon

- Technical Department: Telecommunication Site Visits and Setup, Validation, and Solution.
- Operation and Maintenance Department: Corrective and Preventive Maintenance.
- Network Operation Center Department: Monitoring Daily Alarms and Faults
- Quality, Health, Safety, and Environment (QHSE) Department: Planning, Doing, Checking and Acting
- Diesel Services Department

### Education

#### Bachelor of Engineering of Mechanical Engineering, Beirut Arab University

09/2019 – 12/2023

GPA 3.8/4

Dibbieh, Lebanon

### Skills

#### MATLAB

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Language fundamentals, plotting, and problem solving

#### SOLIDWORKS

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Sketch, Assembly, and Simulation

#### Microsoft Office

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#### AUTOCAD

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Geometric Constructions, missing views, and section views

#### LABVIEW, TINKERKAD, PROTEUS

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### Languages

#### English

Proficient

#### Arabic

Native

#### Turkish

Beginner

### Certifications

#### Certification of Completion of an online course in SOLIDWORKS Essentials, Parts, Assembly, Modeling and Simulation

06/2021 – 08/2021

### Projects

#### Wave Energy Converter, Senior Project

01/2023 – 12/2023

#### Self Parking Robot, Mechatronics System Design

03/2022 – 05/2022

#### Labeling and Training Sample Traces, Research with American University of Beirut

09/2021 – 12/2021

- Labeling Computational Fluid Dynamics (CFD) Program
- Training sample traces for the eddies found in the Mediterranean Sea

#### Six Cylinder Radial Engine, Designed using SOLIDWORKS

08/2021 – 09/2021

## Volunteering

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### **Event Manager Coordinator,**

2022 – present

*ASME (American Society of Mechanical Engineering), Student Chapter of BAU*

- Prepared an Arduino microcontroller workshop.
- Participated in the Engineering Week & Engineering Day