

# MUHARREM AYDIN

## Personal Information

Date and place of birth: 01.01.1995 in Balıkesir

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## Educational Background

09/2014-09/2022 **B.Sc.Mechanical Engineering** Adana Alparslan Türkeş Science and Technology University- Adana, Turkey

09/2009-06/2013 **High School Graduate**, Ereğli Anatolian High School—Konya, Turkey

## Practical Experience

08/2022-09/2022 **Summer Internship**, Ünlü Lpg Installation System Inc. Adana, Turkey  
Business or Sector: Fuel and Pipeline

- Get to know main components of LPG filling station and their principals of work.
- Performed cost and effect analysis
- Performed LPG system installation project schedule
- Covering the LPG pipeline with fireproof insulation blanket

06/2018- 07/2018 **Summer Internship**, Makinsan Trailer Industry Adana, Turkey  
Business or Sector: Automotive Industry.

- Principles of arc welding and Mig/Mag welding is learned and applied on steel plates
- Different bending techniques are practised by operating bending machines to form sheet metals
- Shear cutting machines and drill machines is operated.
- CAD/CAM methods are learned.

06/2015-08/2015

**Work Experience**, Bahur Automotive Adana, Turkey.  
Business or Sector: Car Care Service & Auto Body Shop

- Periodical maintenance actions of automobiles are performed
- Participate to teardown process of different engines
- Managing the supply chain of spare parts.

## Project

04/2020- 07/2020

*Conceptual design of Biodiesel fuel plant*

- Main and auxiliary component of the close loop circuit is determined.
- Suitable pipe diameters, pressure losses, location of check valves, number of pumps and power capacity of each pump is calculated.
- Each component is placed properly to take account of factory's boundary in 2D by AutoCad.

10/2019-01/2020

*Calculation of engine performance parameters at different compression ratios when Jatropa Methyl Ester is used as a fuel.*

- Basic engine performance parameters are evaluated by means of Diesel RK software.

## Language Skills

- Turkish – Native language
- English – B2
- French – A1

## Digital Competence

- Matlab
- Autodesk Inventor
- Autocad
- Ms Office
- Ansys

## Other Skills and Hobbies

**Hobbies** :  
- Trekking  
- Fitness  
- Reading

**Driving Licence** : B