

# UMUT AKTAS

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Graduated from Strive School AI master camp.

6 years background in mechanical engineering - design engineering, mathematical modeling, 3D design programming, project management.

Want to use my old and new skills in IT as an engineer, analyst, or project manager.

## Experience

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### Strive Tutor

Jun 2021 - Present

Strive School

Helping new master camp students with their projects and tasks on the points of arranging the knowledge base, feature engineering, deep learning, and machine learning algorithms.

### Mechanical Workability Engineer

Dec 2020 - Feb 2021

MAN Turkey, Ankara

Coordinated instant crisis teams for solving production failures, up to 6 people.

Developed permanent solutions for typical production problems using the root cause method.

Trained junior engineers, 12 mentees.

### Project Manager

Jun 2020 - Dec 2020

MAN Turkey

Nonserial and limited series bus production.

Coordinated crisis teams focused on solving production failures in 33 minute takt time (more than 600 failures monthly).

Managed cost, human, time resources, and agreements for projects.

Leaded project teams of 10 to 20 people.

Mediated inter-departmental issues and crisis agreements.

Wrote functional requirements and algorithms for IT solutions in the area of responsibility

### Senior Design Engineer

Sep 2016 - Aug 2019

MAN Turkey, Ankara (Turkey)

Designed kinematic parts of the vehicles according to customer change requests.

Organized design thinking sessions, knowledge management bases, and prioritized the solutions.

Coordinated interdisciplinary international project teams with colleagues from Poland, Germany, and Turkey.

The key user of a PLM system for all MAN plants.

### 3D Design Programmer

Jan 2016 - Sep 2016

Electron, Izmir (Turkey)

Minimized design process time for nonserial parts from 5 days to 3 minutes.

Brought a number of production failures caused by design to 0.

The automatized design process with C# and VisualBasic using mathematical models of each typical component.

### Trainee Engineer

Feb 2015 - Nov 2015

Dirinler Foundry, Izmir (Turkey)

Worked as a blue staff worker and technician to understand the manufacturing environment and improve my communication skills.

### **Speaker**

Jan 2012 - Jan 2013

AEGEE Europe

The Education Working Group is the meeting point for students who are interested in European integration in the field of Higher Education and who would like to contribute to its development. I coordinated the education of the whole of AEGEE Europe's new and current members.

### **Founder Vice President**

Jan 2012 - Jan 2013

Imbat Leo Club, Izmir (Turkey)

- i) With Association of Spinal Cord Injuries - Blue Cover Project Team Leader
- ii) With Karabalar Municipality, Green Project Team Leader(Environmental Awareness, Conferences, Educations)

## **Skills & Specialization**

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Flask, Sql, Rest, Docker, Computer Vision, Web Scraping, Python, Api, Nlp, Tensorflow, keras, pytorch, deep learning, machine learning, natural language processing, speech recognition

## **Education**

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### **Dokuz Eylül University**

Bachelor's Degree, Mechanical Engineering  
zmir (Turkey)

### **Strive School**

Mar 2021 - Sep 2021

AI Engineering

## **Licenses & Certifications**

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### **DeepLearning.AI**

Aug 2021 - Present

TensorFlow Developer Professional Certificate

### **IBM Data Science Professional Certificate**

Feb 2021 - Present

IBM

### **PMP-PMI**

Dec 2018 - Present

Bilge Adam

## **Websites**

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<https://umutaktas.medium.com/>

<https://github.com/aktumut>

<https://www.linkedin.com/in/aktumut/>

<https://umutaktas.herokuapp.com/>