



Gülüzar DURMAZ PIENKOWSKI

Year of Birth: 1992
Nationality: Turkish

Sankt Antoni, Fribourg, Switzerland
B Permit

PROFILE

I hold a bachelor's degree in mechanical engineering and a master's degree in Machine Learning for Aeronautics. I am a hardworking, disciplined, and goal-oriented individual. My diverse professional experience across various fields has broadened my vision and strengthened my problem-solving skills, regardless of my position. I thrive in both teamwork and independent tasks, ensuring that my work is precise. With an analytical mindset, I remain focused regardless of workplace dynamics.

CONTACT

PHONE NUMBER:
+41 76 626 15 66

EMAIL ADDRESS:
gulizar.durmaz@gmail.com

WEBSITE:
[LinkedIn](#)
[Medium](#)
[GitHub](#)

LANGUAGES

Turkish- Native
English- Advanced (C1)
German- Upper-Intermediate(B2)
French- Beginner(A1-A2)
Polish- Beginner

ACADEMIC HIGHLIGHTS

Kocaeli University, Türkiye

02/2020-02/2023

M.Sc. Degree in Aviation Science and Technologies (GPA: 3.72/4.00)

👉 **Thesis:** Selection of 2D Airfoil During Aircraft Conceptual Design Phase with Machine Learning- UAV, **Reference No: 801237**

👉 **Article:** Machine Learning Assisted 2d Airfoil Selection During Aircraft Conceptual Design Phase

Cukurova University, Türkiye

09/2010-06/2018

B.Sc. Degree in Mechanical Engineering (English-taught)

Miuul-VBO Bootcamp, Türkiye

03/2022-07/2022

Data Science & Machine Learning

Completed Data Science & Machine Learning Bootcamp, gaining skills in Python, CRM Analytics, AB Testing, Machine Learning, and Neural Networks. 👉 [Certificate](#)

PROFESSIONAL HIGHLIGHTS

Tosyalı Holding , Türkiye

R&D and Artificial Intelligence Engineer

04/2024-08/2024

Project Lead - Enhancing Occupational Safety Detection Using Computer Vision [SAP, Python, Java, Project Management]

Technical University of Denmark -Space Department , Denmark

Earth Observation Data Scientist-Computer Vision Researcher

02/2023-10/2023

Experience in processing Copernicus data (GIS) and developing neural network models with PyTorch/CUDA for large datasets for 4D reconstruction on HPC systems. Proficient in research methodologies. 👉 [GitHub](#)

SKILLS

Python (PyTorch, Keras, Scikit-Learn, NumPy, Pandas, Matplotlib, Seaborn, Cartopy)
C++ (Beginner)
HPC
GPU-CUDA