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PROFESSIONAL SUMMARY

I recently graduated from the computer engineering department. After starting my career with web development, I became increasingly interested in machine learning and artificial intelligence, which led me to focus on these fields. As part of the 2247-C STAR Program, I had the opportunity to complete a 6-month internship at TÜBİTAK, where I gained valuable research experience in the field of artificial intelligence. During this time, I significantly improved both my technical skills and analytical thinking abilities, taking an important step toward developing solutions to real-world problems. My goal is to specialize in various technological fields, create innovative and effective solutions, contribute to AI projects, and make a lasting impact in this domain.

PROJECTS

- TUBITAK 2209-A Muscle Segmentation and Abnormality Detection in CT Images Using Conventional Methods**
 - Project No:1919B012401867
 - To perform muscle segmentation using traditional image processing techniques on the cross-sectional area of CT (Computed Tomography) images.
- SPINOVA - Artificial Intelligence-Supported Sarcopenia Diagnosis System**
 - Sarcopenia is an age-related muscle disease characterized by the loss of muscle mass and function. In our project, innovative artificial intelligence techniques were employed to diagnose this condition.
 - The L3 vertebra was selected as a reference point and detected using a classification model. The muscle area at the L3 vertebra was calculated through segmentation and analyzed to establish threshold values for diagnosis. The developed analysis process was integrated into an API that processes patient data and CT images, delivering results in visual reports with a strong focus on data security.

WORK EXPERIENCE

- Intern Research Fellow – 2247-C TÜBİTAK STAR Program** 01/02/2025 - 01/08/2025
Project No: 123M884
Project Title: Prediction of Acoustic Performance of Concert Halls Using Artificial Intelligence Algorithms Based on Objective Sound Field Variables
- Intern - TÜBİTAK MAM Energy Technology** 11/08/2025 - 05/09/2025
I worked as an intern at TÜBİTAK Marmara Research Center, Energy Technologies Unit, where I had the opportunity to develop an artificial intelligence model for detecting sound anomalies.

SKILLS

- | | | |
|---------------------|-------------------------------|---|
| • Angular | • Flask, FastApi | • Computer Vision |
| • JavaScript | • C++ | • CNN, Unet, Transfer learning |
| • Typescript | • Python | • Medical Image Analysis (CT, MRI; NIfTI) |
| • Responsive Design | • Numpy, Pandas, Scikit learn | • SQL |
| • Bootstrap | • Image Processing | • .Net |
| • TailwindCss | • PyTorch, TensorFlow, Keras | • Git, Github |

EDUCATION

09/2020- 2025



Computer Engineering

Alanya Aladdin Keykubat University - Antalya/ Türkiye
(GPA 3.07)

VOLUNTEER

Social Coding Community - Vice President 09/2022 - 09/2023

- I served as the vice president in the school coding community, leading various coding-related events.
- We organized conferences and congresses to provide students with up-to-date information.

Kodluyoruz - Social Assistant 02/2023 - Current

- I provided social assistance in a nationwide community in Turkey, offering support to individuals who were new to coding.
- I increased interaction within the community by providing social support.
- I offered technical assistance in coding, guiding those who were looking to start.