ÇAĞLA DERİN ŞAHİN

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EDUCATION

Sakarya University   *September 2012 - June 2015*
University Of Applied Sciences Vocational School
Food Technology Program

Manavgat High School   *September 2005 - June 2009*

CARRIER OBJECTIVE

I aim to deepen my understanding of data science, enhance my skills in the field, and contribute by providing practical solutions to real-world problems.

PROJECTS

Hertzsprung-Russell Diagram Project
Utilized Gaia data to create a Hertzsprung-Russell Diagram for analyzing stellar evolutionary stages. Data Processing: Processed star data from the Gaia database, calculating absolute brightness and color index. Diagram Creation: Developed an H-R Diagram using stellar brightness and color indices, analyzing categories such as main sequence stars and giants. Results: Gained significant insights into the physical properties and evolutionary status of stars.This project contributes to the scientific understanding of stellar structures.

Skin Cancer Detection Project
This project aims to facilitate the early diagnosis of skin cancer using deep learning and image processing techniques. By utilizing a deep learning model trained with TensorFlow and Keras libraries, the system can automatically detect whether skin lesions in images are cancerous. The model provides high-accuracy results to support dermatologists in the diagnostic process, enabling early detection and treatment.

TECHNICAL STRENGTHS

Language	Python
Data Analysis	NumPy, Pandas, Matplotlib, Seaborn
Machine Learning Libraries	Tensorflow, Keras
Web Tools	Git, Github

EXTRA-CIRRUCULAR

Certificate: Mastering Applied Data Science, [Data Science Bootcamp], [May 2024]. Signed by Zafer Acar, Chief Data Scientist.

Intern, Intro 2 Astro, [2024]. [Internship Program], [Start and End Dates - e.g., July 2024 - September 2024].

PROFILES

Medium	https://medium.com/@cagladerinsahin
Kaggle	https://www.kaggle.com/aladerinahin
Github	https://github.com/cagladrn