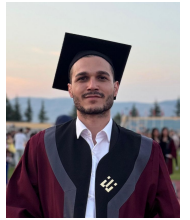


Yunus Emre KORKMAZ

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GitHub
LinkedIn



EDUCATION

• Eskişehir Technical University

B. Sc. in Computer Engineering, GPA: 3.37/4

2019-2024

Eskişehir, Türkiye

• Eyüp Aygar Science High School

High School Diploma, GPA: 91.06/100

2014-2018

Mersin, Türkiye

EXPERIENCE

• Bewell Technology

Computer Engineer Intern as Artificial Intelligence Engineer

July 2024 – Aug 2024 (1 month)

Eskişehir, Türkiye

- Developed an Object Detection Model with YOLO which detects damaged buildings and extracts actual buildings' geolocation from Drone Imagery
- Experiments done using YOLOV5-8-10 on Colab Notebook and device with a strong GPU.
- CometML used for monitoring and compare the models' performance and metrics
- Hosted an end-to-end website using HuggingFace Spaces Platform. **Live Demo.**
- GitLab used for version control

• Anadolu University Computer Research and Application Center

Computer Engineer Intern as Software Architect

September 2023 – October 2023 (1 month)

Eskişehir, Türkiye

- Developed and designed an end-to-end Web based Survey Application on Web Platform for Anadolu University by using .NET Framework and Angular.
- Utilized PostgreSQL for the database.
- GitHub and Microsoft Azure used for version control and task scheduling.

• Hergele Mobility

Back-end Developer

March 2022 – October 2023 (1 year and 8 months)

İstanbul, Türkiye

- Developed Web based Admin Dashboard for Electrical Scooters by using .NET Framework with MVC pattern.
- Utilized MongoDB for the database.
- Used Jira and GitHub for task scheduling and version control.

PROJECTS

• Image Description and Regeneration

Image captioning and text-to-image diffusion models work together and generate a new image according to input.

August 2024

- Tools & technologies used: Python, Gradio, Hugging Face Spaces, Stable Diffusion XL (stabilityai/stable-diffusion-xl-base-1.0), BLIP (Salesforce/blip-image-captioning-large)
- Deployed the application on Hugging Face Spaces, demonstrating multi-model usage and user-friendly interaction through Gradio. **Live Demo**

• Archery Shooting Prediction using EEG Signals

A regression project for predicting the scores of archery shootings using EEG Signals.

June, 2024

- Tools & technologies used: Python, pandas, numpy, seaborn, scipy, matplotlib, sklearn, tensorflow, keras, scikeras
- Predicted archery shooting scores using EEG signals by preprocessing data, extracting features, and applying various machine learning models. Employed Random Forest Regressor, LSTM, and SVR models with hyperparameter tuning, achieving the highest performance with the LSTM model.

TECHNICAL SKILLS AND INTERESTS

Technical Skills: Python (pandas, NumPy, scikit-learn, TensorFlow, PyTorch), Java, SQL(Postgre, MySQL), MongoDB, Data mining, Data analysis, Predictive modeling, Natural Language Processing, Large Language Models, Generative AI models, Git Version Control

Field of Interest: Machine Learning, AI, Generative AI, Deep Learning, Natural Language Processing, Large Language Models

Hobbies: Football, Volleyball, Music, Computer Games

LANGUAGES

Turkish: Native

English: Fluent

German: Beginner