Can Ali Ateş

Artificial Intelligence Engineer

I am a results-driven senior year Artificial Intelligence Engineering student with a strong passion and practical expertise in developing intelligent algorithms for complex problem-solving in Machine Learning, Deep Learning, Computer Vision, and Data Science. I am eager to contribute my skills and collaborate in a dynamic organization that values innovation and pushes the boundaries of Al-driven solutions.

EXPERIENCE

HAVELSAN

June 2023 - Aug 2023

AI Engineering Intern

• I have collaborated with my teammates on a Kaggle dataset that contains time series data, and together, we have developed a Machine Learning Pipeline.

Turkish Aerospace Industries

Nov 2022 - May 2023

AI Engineering Intern

· I have developed a classification algorithm by utilizing existing classification models, with the primary objective of facilitating anomaly detection.

Gitek Vision

July 2022 - Sep 2022

AI Engineering Intern

· I have developed an algorithm for creating dataset batches from scratch for industrial screw detection, and I performed fine-tuning on a YOLOv3 model to enable fruit detection.

Turkish Aerospace Industries

Dec 2021 - May 2022

AI Engineering Intern

• I worked with the OpenAI GYM's CartPole-v0 agent to gain experience in Reinforcement Learning, and fine-tuned the model to understand its underlying logic.

EDUCATION

BSc in Artificial Intelligence Engineering

2020 - Present

Hacettepe University, Department of Computer Science

GPA: 3.71/4.00

TECHNICAL STACK

Programming Languages:

- Python is my priority programming language
- Also, I have a programming experience with Java, SQL and C++

Libraries & Frameworks:

- I have strong experience over **Pandas**, **Numpy**, **Scikit-Learn**, **Seaborn**, **Matplotlib**, OpenCV and PyQT5. I'm currently improving myself over PyTorch, TensorFlow
- I used Cascade Trainer GUI, QT Designer and YoloLabel tools for my projects

PROJECTS

The project utilizes YOLOv5 - YOLOv8 models and a custom CNN architecture. It aims to create a real-time decision support system for detecting Alzheimer's disease levels from MRI images and delivering pertinent information to doctors via a user-friendly GUI.

The project based on incorporating Data Mining, Computer Vision, and Deep Learning. The primary aim of this project is to provide lecturers with valuable insights on lecture efficiency by detecting students' attitudes with YOLOv5 using a user-friendly GUI.

Fire Alarm Prediction

The project is a Machine Learning research conducted using Data Science. During this project, several classifiers were investigated to predict fire alarm triggering based on fire alarm gas measurements

Industrial Screw Detector

The project focused on circle detection using OpenCV. The detector generates its screw datasets and features based on user inputs, which are subsequently can used for CNN training.

The project that utilizes professional player in-game statistics to predict the win-lose status of the next game based on real-time game stats.

Contact

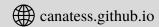






in linkedin.com/in/canaliatess





Interests

- Artificial Intelligence
- Machine Learning
- Deep Learning
- Reinforcement Learning
- Computer Vision
- Data Science

Languages

- Turkish, Native
- English, Professional
- German, Beginner

Capabilities

- Research Proficiency
- Continuously Learning
- Multidisciplinary Working
- Critical Thinking
- Problem Solving
- Adapting to New Technologies

Society

- Hacettepe AI Club
 - Corporate Affairs Manager
 - Supervisor
 - Member
- ACM Hacettepe
 - Member