TAYYİP CANBAY

Junior Software Engineer

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SUMMARY

I'm a Computer Engineering student at Balikesir University with a focus on Python programming, Machine Learning, and Data Science. I also have experience in both Frontend and Backend. I'm proficient in English and dedicated to ongoing learning, making me well-suited for projects that require technical expertise and creative problem-solving.

EXPERIENCE

IT Intern

Balikesir University

📅 11/2021 - 03/2022

Completed a valuable IT internship at Balikesir University, gaining hands-on experience in supporting and maintaining IT infrastructure while contributing effectively to the university's technology initiatives.

Flight Simulation Pilot

Ministry of Youth and Sports

📅 06/2021 - 07/2021

Delivered foundational flight principles and simulation training to high school students as part of a month-long engagement with the Turkish Ministry of Youth and Sports, fostering a passion for aviation and hands-on learning.

EDUCATION

Computer Engineering

Balikesir University

📅 09/2020 - Present

- Currently pursuing a comprehensive curriculum in Computer Engineering, focusing on a wide range of technical subjects and skills essential for modern technology solutions.

Airforce Academy

National Defense University

📅 06/2020 - 09/2020

- Engaged in theoretical aviation studies and practical training, including 18 hours of flight education with a notable 1-hour solo flight experience (Cessna 172-S), showcasing a hands-on exposure to aviation principles.

TRAINING / COURSES

IBM Data Science Specialization (IBM)

IBM AI Engineering Specialization (IBM)

Linear Algebra for Machine Learning and Data Science (DeepLearning.AI)

Supervised Machine Learning: Regression and Classification (Stanford University)

STRENGTHS

Python Programming

OpenCV, Flask, Selenium, YOLO, TensorFlow, Tesseract

Data Analysis, Visualization

Pandas, NumPy, Matplotlib, Folium, Dash

Web Development

React.JS, Node.JS, Express.JS, SQL

PROJECTS

Autonomous Air-to-Air Combat System for UAVs (Present)

Developing a cutting-edge Autonomous Air-to-Air Combat System for UAVs as part of my school's final project. Utilizing TensorFlow, OpenCV, and Kalman Filter technologies to enhance UAV capabilities in air-to-air combat scenarios.

Rocket Link (URL Shortener Project)

I spearheaded the development of a URL shortener service, allowing users to easily create accounts, manage their profiles, and streamline their links for greater accessibility and efficiency.

TTen (Chat-GPT-Enhanced Project with Image Prompt)

TTen, developed solely by me, combines both frontend and backend elements. It provides unrestricted access to Chat-GPT using your API key, with additional image prompt capabilities powered by Tesseract. The frontend is built with React.js, and the backend is implemented using Flask and Python.

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