

MUHAMMET ALI YILDIZ

COMPUTER ENGINEER

Ankara-Konya, Turkey | yldzmuhammedali@gmail.com | +90 554 908 7557 | linkedin.com/in/mtech00/

I am a multidisciplinary engineering student capable of working at the intersection of different fields. Many aspects related to my area are extremely exciting and intriguing to me, and I find great excitement in taking part in various projects. Instead of limiting myself, I instinctively adapt and solve problems using engineering fundamentals, even when given a completely different task. Additionally, collaborative thinking and development hold great importance for me socially, and I highly value what I can learn from my team.

EDUCATION

Konya Food and Agriculture University

2020 - 2025

Computer Engineering | %100 English | GPA: 3.19/4.00

Konya, Turkey

- IEEE KFAU Student Branch, Vice President
- Google Developer Club

Politecnico da Guarda

2024-2024

Computer Engineering | %100 English

Guarda, Portugal

- 2024 Erasmus+ Exchange Student

EXPERIENCE

Portakal Teknoloji

July 2023 - September 2023

Intern

Ankara, Turkey

- **Developed** high availability solutions with Docker, configuring Master-Master replication and load balancing using HAProxy for SQL servers on Docker containers.
- **Used** HAProxy, Ubuntu, Linux, Docker, Docker Compose, UTM, VM Manager, and SQL to deploy and manage virtualized environments, ensuring system stability and performance.

Verinomi

June 2023 - July 2023

Intern

Konya, Turkey

- **Developed** SOHO network infrastructure in collaboration with system engineers to optimize IT infrastructure and server hardware.
- **Used** high-tech server hardware, networking equipment, and IT infrastructure tools to support and enhance system operations.

COMPETITIONS

Teknofest | Arges Tech Team

October 2022 - December 2023

Team Member

Istanbul, Turkey

- **Developed** an artificial intelligence integrated book recommendation system in the new generation book sharing platform . **Used** Python, Numpy, Tensorflow, Scikit-learn , Keras
- Became a finalist at Teknofest 2023 and **ranked 13th** in Türkiye.

Teknofest | Bammy Team OKRABOT

March 2022 - October 2022

Developer

Konya, Turkey

- **Developed** image processing for real-time okra detection using Raspberry Pi in the okra harvesting robot project and utilized mechanic components **Used** Python, Tensorflow, OpenCV, Raspberry Pi ,Arduino.
- Became a finalist at Teknofest 2022 and **ranked 17th** in Türkiye.

CERTIFICATIONS

Supervised Machine Learning: Regression and Classification

- [Andrew Ng - Stanford Coursera / DeepLearning.AI Machine Learning Specialization](#)
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Advanced Learning Algorithms

- [Andrew Ng - Stanford Coursera / DeepLearning.AI Machine Learning Specialization](#)
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Unsupervised Learning, Recommenders, Reinforcement Learning

- [Andrew Ng - Stanford Coursera / DeepLearning.AI Machine Learning Specialization](#)
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Linux Users Association of Turkey

- [Cryptography and Reverse Engineering : Assembly](#)
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Artificial Intelligence BootCamp

- [T.C. Sanayi ve Teknoloji Bakanlığı | Republic of Türkiye Ministry of Industry and Technology](#)
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PROJECTS

CO2 Emission Prediction with Ridge Regression

- [Designed](#) a model to predict CO2 emissions using Ridge Regression for its accuracy and efficiency. Evaluated with RMSE and prediction time.
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Predictive Modeling for Incomplete Data

- [Created](#) models that handle missing data using imputation techniques, ensuring accuracy through testing and evaluation.
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Handwritten Text Recognition Using AI

- [Developed](#) Built an AI model for handwritten text recognition using Python, involving image preprocessing and a Decision Tree Regressor.
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Kafka Scraper API Project on Docker

- [Developed](#) a web scraping service using Kafka and Docker. The project scraped data, sent it to a Kafka topic, saved it in a JSON file, and served it via a Flask REST API.
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REFERENCES

Academic at Konya Food And Agriculture University

- [Yusuf Kursat Tuncel](#) , kursat.tuncel@gmail.com
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CARIAD/VW System Engineering Lead

- [Sami Akin](#) , samiakin@gmail.com
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CTO Portakal Teknoloji

- [BORA Gungoren](#) , bora@portakalteknoloji.com
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Academic at Konya Food And Agriculture University

- [Kasim Oztoprak](#) , kasim.oztoprak@gidatarim.edu.tr