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Top Skills

Leadership

Large Language Models (LLM)

PyTorch

Certifications

Python | Sıfırdan İleri Seviyeye
Yazılım Kursu

Uygulamalarla SQL Öğreniyorum

Google Data Analytics Certificate

Complete A.I. & Machine Learning,
Data Science Bootcamp

100 Days of Code

Publications

PatchFormer: A Patch-Based Time
Series Foundation Model with
Hierarchical Masked Reconstruction
and Cross-Domain Transfer
Learning for Zero-Shot Multi-Horizon
Forecasting

Strategic Doctrine Language
Models (sdLM): A Learning-System
Framework for Doctrinal Consistency
and Geopolitical Forecasting

Transparency-First Medical
Language Models: Datasheets,
Model Cards, and End-to-End Data
Provenance for Clinical NLP

Energy-Efficient Neuromorphic
Computing for Edge AI: A
Comprehensive Framework with
Adaptive Spiking Neural Networks
and Hardware-Aware Optimization

Urban Spatio-Temporal Foundation
Models for Climate-Resilient
Housing: Scaling Diffusion

Derya Umut Kulalı

AI Enthusiast

Eskişehir, Türkiye

Summary

Currently pursuing a Bachelor's degree in Electrical and Electronic Engineering at Eskişehir Teknik Üniversitesi, with an expected graduation in June 2026. Completed internships as an AI Engineering Intern at the Republic of Türkiye Ministry of Industry and Technology and as a Machine Learning Engineering Intern at Ecodation, where efforts included customer classification projects after comprehensive training.

Recently served as Co-Founder of InformatIQ, a community focused on data science, machine learning, and cloud technologies. Core skills include expertise in large language models (LLMs), PyTorch, and Transformers, complemented by certifications in Python and data science. Actively exploring opportunities to contribute to innovative projects at the intersection of AI and data science.

Experience

InformatIQ

Co-Founder

July 2025 - January 2026 (7 months)

Türkiye

InformatIQ is a volunteer-driven community dedicated to data science, machine learning, and cloud technologies. Our members include industry professionals and students—data scientists, ML engineers, data and cloud engineers—with strong academic backgrounds ranging from undergraduate to PhD level.

T.C. Sanayi ve Teknoloji Bakanlığı | Republic Of Türkiye Ministry of
Industry and Technology

AI Engineering Intern

August 2025 - September 2025 (2 months)

Ecodation

Machine Learning Engineering Intern

December 2023 - January 2024 (2 months)

After 40 hours of training, I have done my internship. I did my project to classify bank customers. I thank Ecodation for all they have contributed to me.

ESTU Racing

Electronics Engineer

October 2022 - October 2023 (1 year 1 month)

Eskişehir, Turkey

ESTU IEEE

ESTÜ IEEE President of the Social Activities Committee

August 2022 - November 2022 (4 months)

Education

Eskişehir Teknik Üniversitesi

Lisans Derecesi, Elektrik ve Elektronik Mühendisliği · (September 2021 - June 2026)

Zero To Mastery Academy

· (November 2023 - November 2024)