

EMRE GÖKTUĞ TÜRK

Junior Data Scientist | Machine Learning Enthusiast with Networking Background

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[GitHub Profile](#) | [LinkedIn Profile](#)

PROFESSIONAL SUMMARY

Final-year Information Systems Engineering student specializing in Data Science and Machine Learning. Experienced in EDA, predictive modeling, and real-world datasets, including a TÜBİTAK 2209-A project on energy optimization. Strong foundation in machine learning and growing experience in deep learning. Additionally, it possesses hands-on networking experience, aiming to develop intelligent systems by integrating AI with real-world network infrastructures.

EDUCATION

B.Sc. in Information Systems Engineering | Muğla Sıtkı Koçman University | 2022 - 2026

EXPERIENCE

IT & Network Intern | Muğla Sıtkı Koçman University | Aug 2025 - Sep 2025

- Fiber infrastructure, switch maintenance, cabling, camera systems

Network Intern | Dokare Teknoloji | Jul 2024 - Aug 2024

- Cisco Packet Tracer, routing & switching, telecom systems

PROJECTS

AI-Based Smart Home Energy Optimization System (TÜBİTAK 2209-A)

- EDA, Random Forest, anomaly detection, recommendation system

Tool Usage Analysis and Prediction System

- EDA, usage analysis, demand prediction

TECHNICAL SKILLS

Programming: Python, C, C# (.NET Core)

Data Science & ML: Pandas, NumPy, Scikit-learn, Random Forest, KNN, Matplotlib

Machine Learning Concepts: Supervised, Unsupervised Learning

Deep Learning & Computer Vision: TensorFlow, CNN

Decision Systems: Decision Support Systems

Optimization: Tabu Search, PSO, Ant Colony

Math & Operations Research: Linear Algebra, Probability, Optimization

Databases: MySQL, SQL Server (SSMS)

Networking: Cisco, Routing & Switching

Tools: VS Code, Visual Studio, GitHub, PuTTY

LANGUAGES

Turkish (Native), English (B1)

ADDITIONAL INFORMATION

Class B Driving License | Volunteer Experience: T3 Foundation (Educator), Data Science Community, IEEE Member