

İletişim Bilgileri

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(LinkedIn)

En Önemli Yetenekler

MLOps

Veri Görselleştirme

Scikit-learn

Languages

Türkçe (Native or Bilingual)

İngilizce (Full Professional)

Certifications

Introducing Generative AI with AWS

Generative AI with Diffusion Models

Mert Bayraktar

Data Science and Machine Learning Enthusiast

Türkiye

Deneyim

Kaggle

2x Expert (Notebooks, Competitions)

Ağustos 2023 - Present (1 yıl 10 ay)

Mavi Arge

Machine Learning Researcher

Eylül 2021 - Present (3 yıl 9 ay)

* Developed an advanced indoor positioning system utilizing fingerprinting and crowdsourcing techniques for precise location tracking within buildings. Collaborated with the mobile development team to create a mobile application with real-time radio map creation capabilities and implemented a RESTful API using FastAPI for system integration. Enhanced localization accuracy through sensor fusion (Wi-Fi, Bluetooth, accelerometer), dynamic radio map updates, and machine learning models trained on large-scale sensor data. Successfully deployed the system to production, enabling accurate location-based services without requiring constant manual site surveys.

* Implemented machine learning algorithms to predict plant breeding outcomes based on genomic and environmental data, successfully deploying models that improved breeding efficiency.

* Developed an analytical pipeline for electric vehicles that estimates battery lifetime, analyzed degradation patterns, and provided insights for optimizing battery performance and longevity.

AKE Asansör, Yürüyen Merdiven ve Engelli Sistemleri

Intern

Temmuz 2019 - Ağustos 2019 (2 ay)

Enelsa Endüstriyel Elektronik

Intern

Eylül 2015 - Temmuz 2016 (11 ay)

Antalya, Turkey

Eğitim

Akdeniz Üniversitesi

Graduate, Computer Engineering · (2021 - 2026)

Yıldız Technical University Mechatronic Engineering Department

Master's degree · (2021 - 2021)

Erciyes University

Mühendislik Fakültesi Mezunu, Mekatronik, Robotik ve Otomasyon

Mühendisliği