

EMPLOYMENT

AI Engineer **IsiTech, Ankara/Turkey** **2025 March - Still**

- 3D U-Net CNN models was built for brain MRI segmentation.
- Preprocessed medical images and validated using 3D Slicer.
- Cleaned clinical data and prepared for machine learning.
- Classified diagnosis and procedure texts using NLP models.
- Actively took part and responsibility in TUBITAK 1501 projects.
- Created statistical tables for academic studies, supported research projects with data workflows and visuals.

Data Scientist **Mono Payments, London/UK** **2024 June – December**

- Conducted SQL queries and CRUD operations, and created dashboards.
- Predicted sales and customer habits using machine learning.
- Developed customer-based machine learning projects using proxy data, integrated into web applications.
- Forecasted product sales using visual processing techniques.

Data Analyst, Intern **TAM Finans Faktoring, Istanbul/Turkey** **Summer 2023**

- Analyzed real-time data streams from 40 branches.
- Identified issues faced by data analysts and developed solution strategies.
- Gained experience in problem-solving using branch data and customer interactions.
- Analyzed the impact of interest and maturity rates on sales.
- Evaluated and reported the effects of product campaigns on sales outcomes.

EDUCATION

Ankara/Turkey **TED University** **2021 – 2025**

- B.S.E. in Computer Engineering; Minor Program in Applied Data Analytics.

Ankara/Turkey **Ankara Atatürk High School** **Fall 2015 – Jun 2020**

- One year of intensive English and German preparatory studies.

TECHNICAL EXPERIENCE

Research Projects:

- **Data-Driven Energy: The Future of Resilient and Sustainable Power Systems:** Currently involved in a research project under the supervision of Dr. Sinan Küfeoğlu, who works for the UK Government. The project focuses on the commercialization of digital technologies in energy systems. My responsibilities include conducting quantitative and qualitative analyses, market scanning, and preparing actionable insights for strategic decision-making. Additionally, I manage a team of 3 people, ensuring tasks are organized and executed efficiently. London-UK, 2024 – Present

Technical Projects:

- **Unmanned Aerial Vehicle Demo:** A demo where you can fly your UAV by entering your desired coordinates and API key. Python, Google Maps API, Artificial Intelligence.
- **Commerce Product Recommendation System:** An e-commerce system using Python Flask and machine learning. Content-based and collaborative filtering implemented as part of a Flask web application for an e-commerce website.
- **Stock Market Database Design:** A stock market database application that has an interface where you can trade, buy and sell shares, and your balance changes according to transactions. Python, MySQL, Blockchain.

ADDITIONAL EXPERIENCE

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- **Playing Semiprofessional Handball:** Achieving city and regional rankings with my high school and university teams respectively. Earned second place in the 2022 International Alanya Beach Handball Tournament.
 - **Social Responsibility:** Participating in 'Can You Spare Me 2 Hours?' project, where I engaged with children with autism, enhanced my empathy and social awareness. This experience underscored the significance of patience, understanding, and sensitivity in supporting individuals with special needs.

Languages and Technologies

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- Python, Java, SQL (Advanced); C (Intermediate); Solidity (Beginner);
 - PyTorch, PyCharm, Pandas, NumPy, Scikit-learn, MONAI, DICOM handling; Visual Studio; Cloud Applications; Eclipse; MS SQL, MySQL, OracleDataBase;
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