

HALİL UTKU ÖZTÜRK

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PROJECTS

Player Analysis With R

- Developed a data science project for sports analysis, utilizing web scraping and machine learning using Selenium and R.

Database Manager GUI

- An easy-to-use GUI application for managing MS SQL Server databases, built with Python and CustomTkinter.

Stock Analysis With TTR

- Developed a comprehensive stock signal generation tool for the Turkish Stock Market (BIST).
- Retrieved and processed historical data from Yahoo Finance. I used the TTR package to implement key technical indicators, including SMA, RSI, ADX, MACD, and Bollinger Bands. The system is designed to provide clear Buy, Sell, and Hold signals in a single, visualized interface to aid in investment decision-making.

WORK EXPERIENCE

IT Specialist, Assist Line Inc.

Jun 2023 – Oct 2023

- Provided IT support services, troubleshooting and system operation.
- Running diagnostic tests and performing repairs, as well as developing backup, archiving, and data retrieval procedures.
- Trained junior IT staff, prepared user manuals for ease of use, and delivered both remote and onsite technical support.

Intern, Assist Line Inc.

Jun 2022 – Oct 2022

- I have learned various technical and professional skills in troubleshooting, networking fundamentals, documentation, problem solving and computer systems.

EDUCATION

Yönetim Bilişim Sistemleri, Lisans

Oct 2022 – June 2026

Izmir Bakırçay Üniversitesi

- GPA : 3.51

KEY SKILLS

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|-----------------------------|----------------------------------|
| • Python | • HFT |
| • R | • Data Structures and Algorithms |
| • Java | • Statistics |
| • PostgreSQL, MS SQL Server | • Web Scraping |
| • Git, GitHub | • Data Pipelines |
| • Apache Airflow | • ETL & ELT Processes |
| • Database Management | • Data Warehouse |
| • PowerBI, Tableau | • Data Modeling |

COURSES

- CS50's Introduction to Computer Science (Harvard University)