Ali Emre Kaya

+90 530 897 0567 | aliemrekaya239@gmail.com | linkedin.com/in/aliemre2023 | github.com/aliemre2023

EDUCATION

Istanbul Technical University   Sep. 2021 – present(2026 est.)
Bachelor of Computer Engineering   *Sariyer, Istanbul*
- GPA: 3.20, 2th grade
- Entrance ranking: 1706th out of 2 million people

EXPERIENCE

Payment System Technologies Intern   January 2024 – February 2024
Akbank   *Levent, Istanbul*
- Campaign preparation and editing were carried out for more than 10 million customers
- Accuracy scanning was performed on the campaigns using SQL basics

PROJECTS

Driver Control | *Python, OpenCV, DeepFace, PySide6 (Qt)*   August 2023 – June 2024
- Developed a user recognition system using an OpenCV model to allow registered users to drive the car.
- Implemented a risk assessment algorithm that calculates a risk ratio based on the driver's current emotion and historical driving data.
- Integrated a continuous learning mechanism that retrains the driver's recognition model after every drive to keep the system updated.

Literally Who | *Python, OpenCV, PySide6(Qt), PyGame*   August 2023 – February 2024
- The celebrity most similar to the user was determined with the OpenCV facial recognition system.
- A user-friendly interface was designed with the PySide library
- Music managed with PyGame library

Manga Interpreter | *Python, Pytesseract, PyQt5, OpenCV*   February 2024 – March 2024
- Read the image with Pytesseract (optical character recognition) and its text was determined
- An interface suitable for use with PyQt was designed
- Application-specific libraries were created for cleaner code

Trade Bot | *Python, Pandas, Matplotlib, Selenium, Tensorflow, Yfinance*   May 2024 – continue
- Company balance sheets and news were captured and evaluated by web scraping.
- Using the company's past information, future data was determined with the sequential model.
- Different types of traders were set up and their purchases were saved for future checking.

TECHNICAL SKILLS

Languages: Python, C/C++, HTML/CSS, JavaScript, SQL (Oracle)
Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm
Libraries: OpenCV, Qt, Pandas, NumPy, Matplotlib, Selenium

CERTIFICATIONS

Inzva - Algorithm Program 23-24 Fall Certificate
Global AI Hub - Deep Learning Bootcamp
Turkcell - Python 401, Machine Learning 501, Data Manipulation 201

PERSONAL INFORMATIONS

Languages: Turkish(Native), English(B2), Japanese(A1)
Hobbies: Painting, Guitar, Films, TvSeries, Software, Books, Animes, Dancing (Salsa, Bachata)
Birthdate: 18/07/2003