

Eren Gülşen

CONTACT INFORMATION	Istanbul Technical University Industrial Engineering	Cellphone: +90-551-553-1620 E-mail: erengulsen2003@hotmail.com Github: erengulsen01 Linkedin: eren-gulsen Website: erengulsen.com
INTEREST AREAS	Industrial Engineering, Data Science, Machine Learning, Operation Research, Data Visualization	
TECH STACK	Python, Scikit-learn, NumPy, Pandas, Matplotlib, Seaborn, FastAPI, AWS, Docker, SQL, MySQL, Git, GitHub, GAMS, Microsoft Excel, Microsoft Access	
EDUCATION	Istanbul Technical University , Istanbul , Turkey B.S., Industrial Engineering, 2022 GPA: 2.82 (4.0 scale) <ul style="list-style-type: none">• Junior year• Expected graduation: June 2027• Area of Interest: Data Science	
PROFESSIONAL EXPERIENCES	Akbank , Istanbul, Turkey <u>Compliance Intern</u> May 2025 to September 2025 <ul style="list-style-type: none">• Observed processes related to anti-money laundering (AML) and counter-terrorism financing (CTF).• Took part in data analysis for identifying high-risk customer profiles and actively contributed to the integration of AI into analytical processes.• Gained knowledge of compliance policies, suspicious transaction reporting, and MASAK (Financial Crimes Investigation Board) obligations. PCD Cooperation , Istanbul, Turkey <u>Software Engineer</u> September 2025 to Now <ul style="list-style-type: none">• Developing Sorbi, an AI-powered YKS exam preparation assistant application.• Developed an admin panel for mobile application using React.• Managing user administration and implementing monitoring systems for application performance.• Building backend services using FastAPI and deploying admin panel infrastructure on AWS.	
PROJECTS	Human Resource Database November 2023 <ul style="list-style-type: none">• As a group, we understand and analyze information systems in businesses. We gain fundamental skills to design information systems.• After analyzing Human Resource systems, we stored the data of the Human Resource to database with using Microsoft Access.• Report link	

Python-based Game **January 2024**

- Created a game to practice my Object Oriented Programming skills in python.
- **Code link**

Revenue Web Scraping **August 2024**

- Learned webscraping tools and scraped revenue data of two company and compared them.
- Used BeautifulSoup, Pandas and Matplotlib.
- **Code link**

CERTIFICATIONS **Coursera** **March 2024**

- Python for Data Science, AI Development
- **Certificate**

Coursera **April 2024**

- Python Project for Data Science
- **Certificate**

Coursera **April 2024**

- Supervised Machine Learning: Regression and Classification
- **Certificate**

NVIDIA **April 2025**

- Fundamentals of Deep Learning
- **Certificate**

**VOLUNTEERING
EXPERIENCE****ITU Industrial Engineering Club**, Istanbul, TurkeyMember**June 2022 to June 2024**

- Organization team member.
- Organized and managed organizational side of DART 2023 which was an event aiming to shed light on the operations of departments across different sectors and companies.
- Organized and managed organizational side of ITU Sector Days 2022 which was an event that takes place every year with the participation of leading companies from various sectors.

LANGUAGES**Turkish**

- Native Language

English

- Upper-Intermediate (C1)

German

- Elementary (A2)

Italian

- Elementary (A2)