IRMAK YILMAZ

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Profile

Fourth-year Software Engineering student at Kocaeli University, recently completed an Erasmus+ exchange semester in Computer Science, which significantly broadened my technical perspective and ability to adapt to diverse, international work environments. I am passionate about Data Science and AI. Experienced in developing web applications using **Node.js** and **Django,** desktop applications with **C#**, and applying **Python** for data analysis and AI. Built a solid foundation in software engineering, database design, networking, and system development through academic projects, industry-oriented bootcamps, and collaborative team projects. Skilled in requirement analysis, software documentation **(SRS/SAD), Git/GitHub** collaboration, and problem-solving.

Professional Experience

Deeptech/AI R&D Intern, *ArVis Technology* 07/2026 – 08/2026
Istanbul, Turkiye

- Actively involved in R&D processes for an intensive project focused on implementing **Agentic AI and Retrieval-Augmented Generation (RAG)** technologies.
- Collaborating within a specialized R&D team to research, analyze, and develop advanced **AI architectures.**
- Conducting literature reviews and maintaining comprehensive daily technical documentation and R&D logs, aligning with academic and technical reporting standards.

Data Science and AI Trainee, *DenizBank* 07/2025 – 08/2025
Istanbul, Turkiye

- Completed an intensive 2-week bootcamp focused on **Data Literacy, Data Mining, and Database Management** using MS SQL.
- Developed Machine Learning models and utilized data visualization libraries **(Matplotlib, Seaborn)** to analyze and present data insights.
- Solved a real-world data problem in a collaborative final "Data Bootcamp" project, applying Agile methodologies, analytical thinking, and presentation skills.

Data Science Trainee, *Yapay Zeka ve Teknoloji Akademisi* 12/2024 – 08/2025
Istanbul, Turkiye

- **Applied** advanced data analytics and project management methodologies certified by Google.
- **Designed and developed** an AI-driven healthcare application using Flutter during an intensive Ideathon & Datathon.

Education

Bachelor's Degree in Software Engineering (%30 English), *Kocaeli University* 2023 – Present
GPA: 3.13 Kocaeli, Turkiye

Erasmus+ Exchange Semester - Computer Science, *University of Łomża* 03/2026 – 07/2026
GPA: 5.0/5.0 Łomża, Poland

Skills

Languages
Python, JavaScript, C#, C/C++, Java, SQL

Frameworks & Technologies
.NET Framework, Node.js, Django

Data & AI
Python (Pandas, NumPy, Scikit-learn, Matplotlib,OpenCV), Jupyter Notebook, LangGraph, A/B Testing, Statistical Analysis

Databases & Tools
PostgreSQL, MongoDB, Git/GitHub, VS Code, Microsoft Office

Languages

Turkish
Native

English
Upper Intermediate

German
Beginner

Certificates

- English Certificate of Achievement
- Google Project Management
- Google Advanced Data Analytics Specialization
- Denizbank İlerisi Gençlik Bootcamp Başarı Sertifikası

Organisations

KOU Yazılım Kulübü , *Social Media & Content Team Member* 08/2025 – 03/2026

- Collaborated with the team to create engaging **digital content, improving technical communication and teamwork** skills.

Awards

4th "Ulaşan ve Erişen Türkiye" Idea Competition – R&D Incentive Award, 06/2026
T.C. Ulaştırma ve Altyapı Bakanlığı