Kerem Cantimur

AI & Mechatronics Engineer (MSc at ITU)

CONTACT INFO

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in www.linkedin.com/in/kerem-cantimur

○ https://github.com/Stywestern

SKILLS

- Programming & AI: Python, R, PyTorch
- Data & Visualization: MSSQL, Pandas, Plotly
- Embedded Systems & IoT: ESP32, Arduino, PlatformIO, C/C++
- Tools: Git, Microsoft Office, VS Code
- Soft Skills: Strong communication, presentation, teamwork

LANGUAGES

- English - full working proficiency
- German - ability to write and read

EDUCATION

Istanbul Technical University (ITU) — M.Sc. Mechatronics Engineering (Thesis)
2025 – Present

Bahçeşehir University (BAU) — B.Eng. Artificial Intelligence Engineering
2021 – 2025 | High Honors (GPA: 3.68 / 4.00), 100% Merit-Based Scholarship

ABOUT ME

An aspiring artificial intelligence engineering student devoted to the development of AI powered systems and devices. Able to quickly adapt and respond to the demands of changing situations, creating/redesigning more cost and time efficient solutions. Has good communication and presentation skills, able to explain AI systems and why their implementation is beneficial.

EXPERIENCE

Microsoft Türkiye (January 2025 - August 2025)

- Collaborated with regional teams to design and develop an internal application for analyzing large-scale Azure consumption data.
- Streamlined data workflows and visualization processes, improving decision-making efficiency for cloud infrastructure.
- Explored and introduced generative AI tools for productivity, including automation of documents and reports.
- Gained experience working with enterprise-scale data systems and applying AI-driven approaches to real-world business challenges.

Work And Travel (June 2024 - October 2024)

- Lived and worked in Denver, CO, USA for three months as part of the Oxford House Summer Work & Travel program
- Gained firsthand experience in multicultural collaboration and daily life in the U.S.
- Developed a deeper understanding of American work ethic, financial responsibility, and independence
- Improved English language proficiency and interpersonal communication skills through immersion and professional interaction

M.A.R.S. Technology Data Analytics Intern (January 2024 - May 2024)

- Developed an AI-based sales forecasting model (published on GitHub), applying machine learning to real-world retail data.
- Strengthened SQL and data integration skills through practical use in ERP systems (Axapta, Cube).
- Supported core IT operations, gaining experience with enterprise workflows and cross-departmental collaboration.

TUBITAK 2209-A Project (November 2022 - December 2024)

- Partnered with medical researchers to develop deep learning models for predicting Small for Gestational Age (SGA) births using real clinical data.
- Designed and trained classification networks to distinguish between healthy and SGA outcomes.
- Led preprocessing and data cleaning of complex medical datasets, addressing challenges in data reliability and bias.
- Gained experience applying AI to safety-critical domains, requiring rigorous validation and interdisciplinary collaboration.

VOLUNTEER WORK

Assistant Organizer – WACE 2025

Assistant Organizer – BAU Artificial Intelligence Society