Ali Gür

Phone: +90 551 737 5624 — Email: aligur0332@gmail.com — GitHub: ali-gur — LinkedIn: Ali Gür

Education

B. Sc. in Computer Engineering — Boğaziçi University
2022 - Present — Istanbul, Turkey
- Ranked 26th among approximately 3 million candidates in the national university entrance exam.

Experience

Coordinator — Compec, Boğaziçi University
June 2024 - Present — Istanbul, Turkey
- Coordinated weekly tech meetings and organized TechSummit'25, one of Turkey's largest student-led technology summits, featuring 1000+ participants, workshops, panels, company booths, and company visits.
- Led TeknoDolu'25, a social responsibility project held in Malatya — a region heavily affected by the 2023 earthquake — introducing 7–13-year-old children to technology through interactive workshops and a tech fair with VR, robotics, and 3D printing.
- Promoted tech awareness and digital literacy through educational sessions, company visits, and strong coordination with sponsors, speakers, and volunteers.

Undergraduate Researcher — CoLoRs Lab
Jan 2025 - Present — Boğaziçi University
- Programmed and controlled Baxter, a two-armed industrial robot by Rethink Robotics, designed for safe human-robot interaction.
- Developed and implemented robotic solutions using Robot Operating System (ROS), while deepening knowledge in robotics topics such as perception, motion planning, manipulation, and human-robot interaction.
- Designed and implemented a Baxter robot system that analyzes images of different 3×3 grids of colored cubes and accurately replicates them using both arms, leveraging computer vision, motion planning, and LLM-based decision-making.

Student Assistant — Dept. of Computer Eng.
Sep 2024 – Jan 2025 — Boğaziçi University
- Assisted in teaching and grading assignments for undergraduate courses.
- Provided support to students by explaining complex concepts.
- Facilitated lab sessions and guided students in implementing course material.

Projects

Rapid Earthquake Magnitude Prediction — Koç University Summer Research Program
2024 — Istanbul, Turkey
- Contributed to the development of a real-time earthquake magnitude prediction system using supervised learning techniques on P-wave data from Boğaziçi University Kandilli Observatory, with the goal of enhancing early warning systems and triggering safety protocols within seconds.
- Worked with large-scale seismic time-series data spanning 20+ years, performing advanced signal preprocessing (e.g., noise reduction, demeaning, automated P-wave detection), feature engineering (FFT, autocorrelation, waveform statistics), and addressing class imbalance using oversampling and undersampling.
- Collaborated with a multidisciplinary research team, implementing and evaluating regression models (Random Forest, Gradient Boosting) using Python, Pandas, NumPy, scikit-learn, and PyTorch, achieving high accuracy while maintaining computational efficiency for real-time forecasting.

Extracurricular Activities

Applied AI Program — inzva
2025 — Istanbul, Turkey
- Engaged in an advanced AI program focusing on real-world applications.
- Worked on projects involving machine learning and deep learning.
- Collaborated with peers and industry experts.

Algorithm Winter Camp — inzva
2025 — Istanbul, Turkey
- Selected among 50 participants from nearly 500 applicants.
- Enhanced problem-solving and algorithmic skills.

Certifications & Awards

- Successfully completed the Vodafone Spring Break 2024 program, gaining expertise in Artificial Intelligence, Cloud, Security, Internet of Things, and 5G Advanced Connectivity, as well as Negotiation, Effective Networking, Creation Process, and Storytelling.
- Finalist in TEKNOFEST 2024 Hyperloop category, contributing to innovative capsule design and control system development.

Languages

Turkish (Native), English (C1), German (B2)