Ahmet Ataşoğlu
Software Engineer

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Introduction

- This is Ahmet. I'm a **Software Engineer**.
- I've been creating software for **more than 8 years** and I'm currently pursuing my **Master's**.
- My focus areas are **LLMs**, **Multimodal Models**, and **Embodied Agents**.
- I have a history of **participating in and speaking** at hackathons, bootcamps, workshops, talks, and local events for years.

Experience

AKINROBOTICS   Sept 2022 - Present
AI Software Engineer   Konya, Turkey

- Developed NLP pipelines (chatbot, ASR, TTS) and implemented grounded language learning methods combining real-world sensor data for context-aware robot interactions.
- Researched and deployed multi-modal LLM applications (text, speech, vision, tool calling) with scalable AI architectures integrated into robotic hardware.
- Collaborated with interdisciplinary teams to design and deliver end-to-end intelligent robotic solutions.

ABRANERO   June 2021 - Aug 2022
Full Stack Developer   Remote

- Contributed to a mobile e-commerce application, implementing user authentication, wishlist system, and payment gateway integration.
- Built an accessibility-focused mobile app for individuals with disabilities, featuring real-time location tracking, audiobook player, OCR-based form filling, and voice control.
- Developed a kiosk-based customer experience app and back-end services for intranet applications, focusing on database architecture and API development.

TUBITAK SAGE   Aug 2020 - Sept 2020
Summer Intern   Ankara, Turkey

- Completed the summer internship at the seeker head development center.
- Applied bio-inspired computing techniques to control systems; optimized PID controller parameters using Genetic Algorithms.

Education

MS   **Mechatronics Engineering**, Selcuk University   Sept 2025 - Present
- Focus: Multimodal Models, Embodied Agents

BS   **Mechatronics Engineering**, Necmettin Erbakan University   Sept 2017 - June 2021
- Minor: Computer Engineering

Skills

Languages: Python, C/C++, Rust, Go
Frameworks & Libraries: PyTorch, HuggingFace Transformers, LangChain, ROS, FastAPI, Flask, OpenAI APIs
Techniques: Machine Learning, Deep Learning, Computer Vision, NLP, LLMs, VLMs, RAG, Tool Calling, ASR / TTS, OCR, Embodied Agents, Genetic Algorithms
Tools: Docker, Git, Linux, CUDA, CI/CD, Jupyter

Activities

Medium   May 2019 - Present
Blogger · Science and Technology

- I blog mainly about computer science and books, reaching over 100K views to date.

Deneyap Türkiye   Sept 2021 - May 2022
Instructor · Education

- Taught courses on programming, robotics and AI to middle and high school students.
- Mentored two student teams on their Teknofest projects.