Can Ali ATEŞ - AI Engineer & Researcher

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EDUCATION

Hacettepe University	**M.Sc. in Computer Engineering**	**September 2024 - Present**
Hacettepe University	**B.Sc. in Artificial Intelligence Engineering**	**September 2020 – June 2024**

1st in Computer Science Department, 2nd in Faculty of Engineering — *GPA: 3.76 / 4.00*

EXPERIENCE

HAVELSAN | AI Engineer (Candidate → Full-Time)   **March 2024 – Present**
- Currently working on **Tobii Pro Glasses 3** for an **eye tracking system detects and segments objects** in real time.
- Contributed to the development of **MLTrack**, a no-code time-series modelling platform, by supporting core system enhancements and implementing state-of-the-art **TSMixer** and **DLinear** models from research papers.

DATASCOPE | Founding AI Engineer   **September 2023 – February 2024**
- Played a key role in the company's early stages, was accepted into the **TUBITAK 1507**, and became **Sababcı ARF** finalist.
- **Improved asset growth forecasting accuracy by 60**% in Sabancı DX's Industry Cycles App across multiple industries.

HAVELSAN | AI Engineering Intern   **July 2023 – August 2023**
- **Achieved top-5% RMSE and accuracy** on NASA's Turbofan Jet Engine dataset predictive maintanance.

TUSAŞ | AI Engineering Intern   **November 2022 – May 2023**

Gitek Vision | AI Engineering Intern   **July 2022 – September 2022**

TUSAŞ | AI Engineering Intern   **December 2021 – May 2022**

PROJECTS

RAD-ACE: Multimodal Large Language Models as Radiology Assistants   **March 2025 - May 2025**
- Built **RAD-ACE-CoT**, a 16K-pair dataset of radiology images with chain-of-thought diagnostic reasoning.
- Fine-tuned **Qwen2.5-VL (3B & 7B)** and **LLaMA 3.2-Vision 11B** using **Unsloth** with **LoRA** for efficient multimodal training.
- Developed a radiology-specific evaluation pipeline using the **LLM-as-a-Judge** methodology.

CE-MedAI   **September 2024 - December 2024**
- Fine-tuned **CLIP** and **RAD-DINO** as visual encoders; **OPT125M**, **Qwen2.5 0.5B Instruct**, and **TinyLLaVa 1.5B** as LLMs.
- Developed a **radiology-focused multimodal LLM (MLLM)** for automated medical report generation.

Smart Fridge (*Graduation Project*)   **September 2023 - May 2024**
- Led an **European Union funded** project to quantify and reduce food waste.
- Fine-tuned **YOLOv8-S** and **ResNet-101** to detect fruits and vegetables in the fridge and assess their freshness levels.

Surfing the Bitcoin Waves (*Published, DOI: 10.1007/s00521-025-11496-9*)   **February 2024 – May 2024**
- Collected Bitcoin's time-series stock market data from private **Hyblockcapital API.**
- Compared different models to observe effects of various trader types (whales, bots, top traders) over the Bitcoin stock market.

TECHNICAL SKILLS

Languages: Python, SQL

Technologies: Windows, Github, Git, JIRA, BitBucket, Ultralytics Hub, Hugging Face, ChatGPT, Copilot, Gemini

Frameworks: PyTorch, Tensorflow

CERTIFICATES

NVIDIA DLI | Generative AI with Diffusion Models

Vanderbilt University | Prompt Engineering Specialization

Stanford University | Deep Learning Specialization

Stanford University | Generative AI with Diffusion Models

LANGUAGES

● **Turkish**, Native   ● **English**, Professional   ● **German**, Beginner