Can Ali ATEŞ - AI Engineer & Researcher

Ankara, Turkey | +90-507-592-8292 | canaliatess@gmail.com | in/canaliatess | github.com/canatess | canatess.github.io

EDUCATION

Hacettepe University | **M.Sc. in Computer Engineering** **September 2024 - Present**
Hacettepe University | **B.Eng. 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