ESAD ABDULLAH KOSEDAG

SOFTWARE ENGINEER

CONTACT

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in [Esad Abdullah Kosedag](#)

🌐 [Esad Abdullah Kosedag | Github](#)

EDUCATION

2020-2024

Kayseri Özel OSB TEKNİK KOLEJİ

**ANATOLIA TECHNIC PROGRAM
INFORMATION TECHNOLOGIES DEPARTMENT**

2024-Present

Fırat University

B.Sc. in Software Engineering (Computer Science)

REFERENCES

- İrfan Ateş - School Coordinator Assistant Principal
- Anıl Güngör - Head of Department of Information Technlogies

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LANGUAGES

- Turkish (Native)
- English (B2)

PERSONAL

I am a multidisciplinary software engineer with hands-on experience in machine learning, computer vision, embedded systems, and cross-platform application development. My background spans deep learning pipelines, UAV avionics, intelligent vision systems, and AI-powered software platforms.

I have led and contributed to competitive R&D teams such as autonomous UAV systems, sounding rocket avionics, and agentic AI–integrated applications. I enjoy designing scalable solutions that bring together research-driven models and real-world engineering. Currently, I focus on LLM training, agentic AI workflows, and high-performance Python development.

EXPERIENCES

Junior Software Developer (Intern)

ABC Teknoloji A.Ş   July 3 2023 - September 1 2023

No Available link Due to NDA

Leader, Avionics & Embedded Systems

Capella Sounding Rocket Team   December 27 2021- June 14 2024

No Available link Due to NDA

Computer Vision & UAV Systems Engineer

Alçin Figthing UAV Team   October 5 2023- June 14 2024

[UAV Tracking Github Link](#)

Scrum Master & AI Engineer (LLM Training + Agent Integration)

Budget Travel College Project Team   2025--Present OpenSource

[BudgetTravel Github Link](#)

Project Founder — AI/ML Research (CV Model Training and Scientific research)

OncoMind open-source project   2025--Present OpenSource

[OncoMind Github Link](#)

SKILLS AND TECHNOLOGIES

- Programming: Python, C#, Node.js, JavaScript
- AI / ML: PyTorch, TensorFlow, Scikit-Learn, OpenCV, Pandas
- Computer Vision: Object tracking, UAV vision pipelines, real-time inference
- Embedded Systems: Arduino, STM32, Jetson Xavier NX
- Software Development: Desktop apps, API development, backend services
- Tools & Workflow: Git, Scrum, Agile development
- Other: Microsoft Office, Team leadership, Cross-functional collaboration