



AHMET FEVZI AKARGÖL

Astronautical Engineering

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PROFILE

I am a dedicated aerospace engineering student with a strong passion for satellite systems. Through my experience in satellite design, space propulsion systems, and mission research, I have gained valuable knowledge in system integration, testing, and optimization. I am eager to apply my engineering skills to real-world challenges and contribute to the development of space-related solutions. With strong problem-solving abilities and a dedication to continuous improvement, I strive to discover innovative solutions and make a meaningful impact in the field.

EDUCATION

Istanbul Technical University
Bachelor of Astronautical Engineering
2020 - Present

FINAL PROJECT

Lunar Trajectories for CubeSats on STK
Still continue

INTERNSHIPS

İTÜ Space System Desing and Test Laboratory
2024 July

- System Architecture - Requirement Analysis
- Simulation & Modeling - Documentation

DeltaV Space Technologies
2024 August

- Hybrid & Liq. Propellants - Lunar Navigation
- Propellant Storage & Handling

COMPETITIONS & PROJECTS

AIAA Undergraduate Team
Space Design Competition (2025)

As part of a 10-person team from Istanbul Technical University, we developed the MOCHA project for the AIAA competition. This was a comprehensive space mission design project where we significantly improved our teamwork and complex system design skills.

CERTIFICATIONS

- Simulink and MATLAB
- Master Level Ansys STK
- Learning How to Learn (Coursera)
- English B2 (ITU proficiency exam)
- Arabic B1(High School preparatory year)

HOBBIES and INTERESTS

- Dancing (Member of ITU dance club for 3 yr.)
- Camping
- Skiing
- Jiu Jitsu
- Reading Book

REFERENCES

- Prof. Dr. Alim Rüstem Aslan - aslanr@itu.edu.tr
- Prof. Dr. İskender Gökalp - igokalp@metu.edu.tr