



# AHMET FEVZI AKARGÖL

## Astronautical Engineering

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my website: <https://fevziakargol.github.io/sayfam/index.html>

### PROFILE

As a Turkish youth, my greatest goal is to serve my homeland and my nation. I believe the best way to achieve this is through the contributions I will make in aerospace engineering, a field I am passionate about, especially in satellite technologies. I am always open to new ideas and I enjoy finding innovative solutions to the problems I encounter. I learn quickly and adapt easily; when I start a task, I work proactively and determinedly to see it through to completion. My aim is to both enhance our country's strength in space and be beneficial to humanity by developing national solutions in this field. With my disciplined work, positive outlook, and desire for continuous learning, I wholeheartedly believe that I will make a lasting impact on this path and contribute to our country's achievements.

### 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 - PROJECT

**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](mailto:aslanr@itu.edu.tr)
- Prof. Dr. İskender Gökalp - [igokalp@metu.edu.tr](mailto:igokalp@metu.edu.tr)