

Contact

Website

<https://yunussorguncay.com>

Email

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Address

Istanbul/Türkiye

Education

2021-2025

B.Sc. Astronautical Engineering

Istanbul Technical University

3.08/4.00

Thesis: N-body simulation of planet and galaxy formations

2017-2021

High School - Valedictorian

Kıraç Anatolian High School

98.51/100

Skills

- Project Management
- Software Development
 - MATLAB, Python, React, TypeScript, Next.js
- Windows + Linux
- Office Programs
 - Advanced MS Excel
- Translation

Translation Projects

- English Visual Novels 100% Localized into Turkish
 - Sepia Tears (2013)
>40,000 words
 - Lily's Night Off (2018)
>12,000 words
 - Lily's Day Off (2014)
>7,500 words

Yunus Sorguncay

Description

As an Astronautical Engineering graduate from Istanbul Technical University, I have a strong academic foundation in orbital mechanics, flight dynamics, and numerical simulations. I am ready to utilize my time/resource management and operational coordination experience gained in civil aviation maintenance planning, with the discipline developed as an AIAA project team captain. Additionally, I am a proficient English-Turkish translator. I aim to pursue my career by creating value in the aviation, defense, or software industries.

Proficient Languages

- English
- Turkish

Experience

Aircraft Maintenance Planning Engineer myTECHNIC

Oct 2025 - Present

I am ensuring the project-based execution of maintenance package (Task Card) creation in alignment with airline customer demands and **SHGM (DGCA) regulations**, while performing man-hour calculations and managing inter-departmental coordination across procurement, engineering, and production.

Technical Planning & Engineering Intern MNG Airlines

Jun 2025 - Aug 2025

I actively participated in aircraft maintenance planning, engineering operations, and configuration management processes. To accelerate departmental workflows, optimize data analysis processes, and minimize human error, **I developed two different Excel-compatible software solutions** using Python.

Team Captain ITU Team PYROEIS

Feb 2025 - Jun 2025

As the **captain of an 11-member team** for the 2024-2025 AIAA Undergraduate Team Space Design Competition under the Spacecraft Systems Design II course taught by Prof. Dr. Alim Rüstem Aslan, we designed an Earth-to-Mars space mission throughout the semester. I managed dynamic task distribution for the team and ensured the timely preparation of weekly status reports.

B2B Meetings Organizer SAHA Istanbul

Oct 2024

During the **SAHA Expo 2024** exhibition held on October 22-26, 2024, I served as a volunteer and facilitated more than 50 B2B meetings by communicating in English with various company representatives, mainly from China, the USA, and Europe.

Exams & Certificates

IELTS Academic	7.5 / 9
ÖSYM YDS English	97.5 / 100
ÖSYM ALES Quantitative	86 / 100