HALIT YUSUF GENÇ

UNDERGRADUATE STUDENT AT ISTANBUL TECHNICAL UNIVERSITY

CONTACT

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PROFILE

He is studying aerospace engineering at Istanbul Technical University in the third year. Leader of ITU PARS Rocket Group Aerodynamics Department.

Versatilely self-taught; He has trained and developed himself in applications such as CFD (ANSYS), CAD (Solidworks, CATIA), Microsoft Office, MATLAB, software languages (C, Fortran).

EXPERIENCE

AERODYNAMICS MEMBER

PARS ROCKET GROUP | NOV 2020 - STILL ONGOING

- Internal flow and external flow analysis of rockets.
- Aerodynamic designs of rocket fins were analyzed.
- Various aerodynamic studies have been carried out on supersonic rockets and have studied the relevant reports of the worldwide IREC competition.
- The design and import of the parachute, which is a requirement of the rescue system, has been completed.
- All researches were reported in detail one by one and translated into English.
- Qualified to participate in the Spaceport America Cup competition, which will be held in New Mexico in the summer of 2022.

EDUCATION

AEROSPACE/ ASTRONAUTICAL ENGINEERING

ISTANBUL TECHNICAL UNIVERSITY | 2019 - 2023 GPA: 3 . 21 - HONOR LIST

INTERNSHIPS

MANUFACTURING INTERNSHIP

COZGEN MAKINA SANAYI | JUNE 2021 - JULY 2021

CERTIFICATES

UNIVERSITY OF TORONTO - SELF DRIVING CARS | JULY 2021

LINKEDIN LEARNING - SOLIDWORKS 2019 ESSENTIAL TRAINING | JULY 2021

MATLAB - SIMULINK ONRAMP - MACHINE LEARNING ONRAMP - MATLAB ONRAMP | JUN - APR - FEB 2020

UDEMY – CATIA V5 Express Training | ANSYS Fluent CFD Course | Fortran For Beginners

SKILLS

- **CFD analysis on ANSYS Fluent**
- **Aerodynamics**
- **Academic article research**
- **Website designing with Wordpress**
- **CAD designing on SOLIDWORKS and CATIA**
- **MATLAB**
- **C and Fortran software languages**
- **Turkish Poetry**