

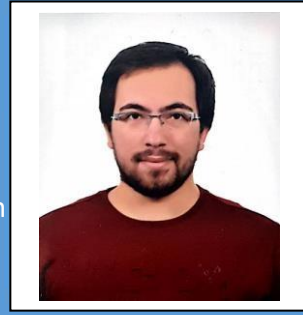
Muhammed Yasin Peker

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Innovative Astronautical Engineer offering passion for participating in product design projects. Excellent communicator with ability to explain complex design ideas and concepts effectively. Interested in investigation of space environment, space mission design, system integration, installation and commissioning for spacecraft systems. Quick-learning and resourceful with proficiency in 3D modelling and data analysis.

Skill Highlights

- 2D-3D Modelling
- Data Analysis
- Complex Problem Solving
- Computer Skills;

CATIA

Solidworks

LibreCAD

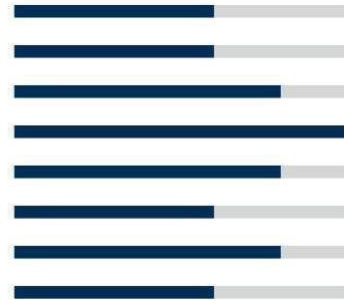
Wings3D

Microsoft Office Programs

C# Programming Language

Wolfram Mathematica

MATLAB



Work Experience

- **R&D Department Intern** - from 06/2019 to 07/2019
at **Totomak Industry and Trade Inc.**, İzmir/Çiğli

Worked in various departments such as production, R&D office-field and quality control under the supervision of engineers and technicians.

- **Additive Manufacturing Intern** - from 01/2022 to 02/2022
at **Artuk Aviation Defence Industry and Trade Co. Ltd.**, Afyonkarahisar/Turkey

Worked with EOSM 290 additive manufacturing machine for production of titanium made aviation and medical parts as well as support and topology studies before the production process.

- **Research Assistant** - from 04/2023 to present
at **Eskişehir Osmangazi University, Aeronautical Engineering Department**, Eskişehir/Turkey

Education

2015-2022	Bachelor of Science in Astronautical Engineering, Istanbul Technical University , Istanbul/Turkey “Design of a Manned Mars Mission” – Graduation Thesis
2020-	Bachelor of Science in History, Anadolu University , Eskişehir/Turkey
2022-	Master of Science in Aeronautical Engineering, Necmettin Erbakan University , Konya/Turkey

Research Interests

Space Environment, Atmosphere Physics, Shock Waves, Supersonic Flow, Spacecraft System Design, Space Mission Analysis, Additive Manufacturing, Composite Materials.

Languages

English	
Russian	
German	
Ottoman Turkish (1500 – 1928)	

Hobbies

- Medieval Europe and Middle East history research – reading.
- Playing guitar, piano and composing.
- Playing hardcourt tennis.
- Astronomy, observation of sky.