

Muhammed Ali Onurlucan

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Ankara, Turkey

EDUCATION

Middle East Technical University

BSc in Mathematics, CGPA: 3.05

2023–current

INTERNSHIP / WORK EXPERIENCE

Galaxy Rocket Team – Team Member

Developing and analyzing mathematical models related to flight dynamics and propulsion systems using MATLAB/Simulink.

2025–current

PREPTTEST – Question Writing and Exam Preparation

Preparing and editing exam questions for AP Calculus, SAT, Tolc, and Bocconi on the Preptest platform.

2023–current

ACADEMIC ACTIVITIES

Higher Structures Seminar, Kadri İlker Berktaş

Attending weekly seminars on advanced topics in higher category theory.

October 2025

Turkish Mathematical Society (TMD) – Member

Active member of the national society promoting mathematical research, education, and collaboration in Turkey.

2025–current

The Nesin Mathematics Village

Participated in intensive mathematics lessons on Surreal Numbers and Axiom of Choice.

August 2024

PROJECTS

CS50P: Introduction to Programming with Python

Developed a password manager for secure password handling. Source code and documentation available on GitHub.

2023

CERTIFICATIONS & COURSES

PHYS-209-ENx: Introduction to Astrophysics

Explored celestial mechanics, galactic structures, and observational techniques.

August 2024

ANU-ASTRO1x: Greatest Unsolved Mysteries of the Universe

Studied stellar evolution, black holes, and cosmology.

December 2024

SCHOLARSHIPS

TÜBİTAK 2205 – Undergraduate Scholarship Program

Awarded a national scholarship recognizing academic excellence and potential in STEM fields.

2022–current

SKILLS

Programming & Tools: Python, MATLAB/Simulink, LaTeX, Git/GitHub, Wolfram Mathematica

Languages: Turkish (Native), English (Fluent)