

# Muhammed Ali Onurlucan

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Ankara, Turkey

## EDUCATION

<b>Middle East Technical University</b> BSc in Mathematics, CGPA: 3.05	2023–current
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## INTERNSHIP / WORK EXPERIENCE

<b>Galaxy Rocket Team</b> – Team Member Developing and analyzing mathematical models related to flight dynamics and propulsion systems using MATLAB/Simulink.	2025–current
<b>PREPTEST</b> – 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

<b>Higher Structures Seminar, Kadri İlker Berktav</b> Attending weekly seminars on advanced topics in higher category theory.	October 2025
<b>Turkish Mathematical Society (TMD)</b> – Member Active member of the national society promoting mathematical research, education, and collaboration in Turkey.	2025–current
<b>The Nesin Mathematics Village</b> Participated in intensive mathematics lessons on Surreal Numbers and Axiom of Choice.	August 2024

## PROJECTS

<b>CS50P: Introduction to Programming with Python</b> Developed a password manager for secure password handling. Source code and documentation available on GitHub.	2023
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## CERTIFICATIONS & COURSES

<b>PHYS-209-ENx: Introduction to Astrophysics</b> Explored celestial mechanics, galactic structures, and observational techniques.	August 2024
<b>ANU-ASTRO1x: Greatest Unsolved Mysteries of the Universe</b> Studied stellar evolution, black holes, and cosmology.	December 2024

## SCHOLARSHIPS

<b>TÜBİTAK 2205 – Undergraduate Scholarship Program</b> Awarded a national scholarship recognizing academic excellence and potential in STEM fields.	2022–current
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## SKILLS

<b>Programming &amp; Tools:</b> Python, MATLAB/Simulink, LaTeX, Git/GitHub, Wolfram Mathematica
<b>Languages:</b> Turkish (Native), English (Fluent)