

Mert E. Durmaz | Undergraduate Physics Student in METU

Physics Department
ODTÜ / METU
Ankara, TR, 06800

✉ erman.durmaz@metu.edu.tr
in [Mert Erman Durmaz](#)

Education

8/2023 - **Middle East Technical University, Ankara, Türkiye**

Present Bachelor of Science

- Major: Physics
- GPA: 3.14

08/2019 - **Namik Karamanci Science Highschool, Antalya, Türkiye**

- 05/2023
- GPA: 95.93/100
 - **Erasmus+ Exchange:** Participated in a short-term student exchange program in France focused on the project “Unmask fake news to be a fairly informed European citizen”.

Coursework

- **Physics:** Mechanics, Electromagnetism, Basics of Computational Physics, Electronics, Optics and Waves, Physics Laboratory I-II
- **Mathematics:** Calculus I-II, Linear Algebra, Differential Equations (Mathematical Methods in Physics)
- **English:** English for Academic Purposes I-II

Observing Experience

2/2024 - **Kreiken Observatory, Ankara/Türkiye**

6/2024 Conducted weekly observations of binary star systems using the T80 Telescope. **Performed photometric analysis and generated light curves** to study stellar variability.

Volunteering & Outreach

2023- METU Amateur Astronomy Society, Ankara, Türkiye

Present **Active Member & Volunteer**

Participated in organizing public observation nights and giving seminars.

- 08/2022 TÜBİTAK National Night Sky Observation Fest, *Antalya, Türkiye*
Expert Guide
Narrated the night sky and introduced the TUG Campus to the participants.
- 2020 - International Asteroid Search Campaign (IASC), *Online / Global*
Present **Citizen Scientist**
Analyzed astrometric data from Pan-STARRS telescopes. **Credited with the discovery of an asteroid with Provisional Status** recognized by the Minor Planet Center (MPC).
• **Provisional Designation:** 2022 SZ124
- 2021 - DEKAFOK (Marine Conservation Association), *Antalya, Türkiye*
Present **Field Volunteer & Supervisory Board Member**
Participated in conservation efforts for sea turtles and coastal ecosystems, conducted night patrols, and engaged in teamwork under field conditions while collecting critical data on sea turtles.

Certificates & Trainings

- 2019 - DENEYAP Technology Workshops, *Antalya, Türkiye*
2022 **Graduate**
Completed a 36-month intensive technical training program covering Artificial Intelligence, Robotics, Electronic Programming, and Energy Technologies. Selected through a competitive nationwide exam.
- 02/2025 Mustafa Akgul Free Software Winter Camp, *Eskişehir, Türkiye*
Certificate of Participation
Completed a 26-hour intensive training on GNU/Linux System Administration (Level 0.5). Covered file system hierarchy, user management, permissions, and advanced command-line operations.

Skills

Programming	Python (NumPy, Matplotlib), LaTeX
Operating Systems	GNU/Linux (Bash Scripting), Windows
Laboratory & Hardware	Telescope Operations, Arduino, Basic Circuitry
Software & Tools	Microsoft Office, Astrometrica, Stellarium
Languages	Turkish (Native), English (Fluent), German (Elementary)