

MEVSİM ÖZKAN

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EDUCATION

For more information, visit my [GitHub](#)

TED Ankara College

Senior Student (Year 12), IB Year 2

Sep 2022 – Ongoing [Anticipated Graduation: June 2026]

Ankara, Turkey

- Follow the IB Diploma Programme alongside the Turkish Ministry of Education high school curriculum of the Science-Math track
- **IB HL Courses:** Mathematics (Analysis and Approaches), Physics, English B
- **IB SL Courses:** Chemistry, Economics, Turkish A
- **Extended Essay:** [English B] “The Role of Environmental Descriptions in William Golding’s *Lord of the Flies*”
- **Ministry Courses:** Biology, History, Philosophy, Spanish, and more

College Board – **AP Biology: 5 [Certificate]**

May 2025

Pearson Education: BTEC International Level 3 in Art and Design with Distinction [Certificate]

Jun 2024

Nova Scotia International Student Program (NSISP) [Certificate]

Feb 2023

Freshman Exchange Student (Year 9)

Nova Scotia, Canada

- Attended the Liverpool Regional High School for a month and took the Mathematics, Physical Education, Citizenship Education, English, Technology Education, and Healthy Living classes
- Travelled and lived with my host Canadian family to learn more about their culture

EXPERIENCE

Hacettepe University

Intern

Sep 2025

Ankara, Turkey

- Followed a rigorous 10-day multidisciplinary teaching program where I shadowed academicians in the Institute of Neurological Sciences and Psychiatry and the Department of Analytical Chemistry within the Faculty of Pharmacy to gain a better understanding of their roles and their research fields in neuroscience and biology
- Received tutorials from an array of researchers and supervisors in different laboratories on using PubMed and Web of Science to write structured literature reviews, understanding international research databases, ethical sourcing, gaining practical skills in laboratories, such as performing basic analytical chemistry procedures, including solution preparation, calibration/standard curves, and capsule content assay, all under supervision
- Observed an experiment involving tissue sectioning from mice and analyzed data about the concentration of berberine by making calibration curves
- Kept a daily log to prepare a final mini-presentation at the end of the 10-day program detailing my key observations and take-home messages
- Attended the [International Headache Congress \(IHC\) 2025](#) in São Paulo, Brazil, to engage with current international research, observe and interview researchers at different career stages about their collaborations, take detailed notes of research from other sources, and assist in the presentation of research from our lab

ACADEMIC ENRICHMENT ACTIVITIES

For more information, visit my [GitHub](#)

Middle East Technical University, IPPG & CERN: Hands-On Particle Physics [Certificate]

Mar 2025

- Received training from Prof Dr Bilge Demiroz and team to use live data from the Large Hadron Collider (LHC) at CERN in Geneva, Switzerland
- Analysed a dataset of 50 particle collision events using an event display tool called HYPATIA that visually reconstructs what happens inside the ATLAS detector during high-energy collisions
- Presented our analysis with CERN scientists and compared our data with participants from different countries

Sabancı University: **Summer High School [Certificate]**

Jul 2024

- Took the following all-English short university-level classes at Sabancı University:

- “[Nanoscience and Nanotechnology](#)”: Learned about how quantum physics applies on the atomic level for surface effects and electromagnetic and molecular interactions, and how imaging and measurement on the atomic level are necessary for the development of innovative nanotechnologies
- “[Are We Alone in the Universe?](#)”: Learned how SETI research uses an interdisciplinary scientific point of view, including astronomical observations, modeling, electromagnetic radiation & spectrum, and extrasolar planetary systems
- “[Quantum Physics](#)”: Studied basic principles of quantum physics and topics such as parallel universes, the Einstein-Podolsky-Rosen paradox, hidden variables, speed of light and quantum mechanics, black holes and closed timelike curves, quantum computers, and quantum phenomena in the brain
- “Create Animation and Art on Computer”: Used 3D software to produce digital artworks in an art studio

University of Waterloo [Centre for Education in Mathematics and Computing](#): Gauss Contest [[Certificate](#)] 2022

EXTRACURRICULARS & VOLUNTEERING

For more information, visit my [GitHub](#)

TED Ankara College Debate Club Communications Manager

2025 – Ongoing

- Assist the management of the Debate Club in maintaining their social media by taking photos, creating posts
- Head communications with other schools’ clubs to help organize debate tournaments

TED Ankara College Prague Trip Prague, Czech Republic

Mar – Apr 2025
1-week trip

- Volunteered at homeless shelters, cooking for people and later interviewing them about their life experiences
- Sold magazines called Nový Prostor to raise funds for charity and experience how street-level marketing works
- Learned about urban farming and assisted with clearing a new patch of garden for new plants
- Joined a sustainable design challenge workshop and brainstormed ideas about how to address hunger among the homeless population; designed and presented our idea for a soup kitchen and food bank headed by homeless people in the community for a design challenge competition

TED Ankara College Model United Nations (MUN) Club Head of Press

2024 – 2025

- Formed a press team among the members and assigned their work divisions for photograph and video shoots
- Managed the club’s social media and PR; shot conference videos and took photographs for posts

Visual Art

- Travelled to Mexico to learn about its history and culture and attended the Dia de Muertos festival between 30 October and 9 November 2024 to take professional photographs published on the social media pages ([YouTube](#), [Instagram](#)) of [Fotograf Gezginleri](#) (Photograph Travellers)
- Have had gallery shows for traditional art in establishments like Zeren Art Gallery and Miel’s Art since 2018

Other

- Assist the TED Ankara College Theatre Club with their décor, take photographs, and manage their social media in the 2025-2026 academic year
- Perform synchronized ice-skating at competitions and events as a licensed skater with [Kentpaten](#) (2023-2026)
- Play the clarinet at school celebrations and other events regularly since 2019
- Went to cooking workshops to learn recipes to make and sell various food products at school to fund donations for schools in underprivileged villages at TED Ankara College (2023-2025)
- Attended the Seed Journey Summer Camp in Izmir as a [Young Guru Academy](#) volunteer member and worked on innovation projects that we later presented to entrepreneurs to solve various modern problems (2022-2023)

SKILLS AND HOBBIES

Technical:	Python (Beginner), Microsoft Office (Word, Excel, PowerPoint)
Language:	Turkish (Native), Spanish (Taking B1 classes) English (C1): IELTS Academic UKVI 8.0 (Mar 2025), IELTS Academic 8.0 (Sep 2024)
Sports:	Ice skating, swimming
Interests:	Painting, playing the piano and the clarinet