

POSTGRADUATE STUDIES

- **Boğaziçi University**
M.Sc. in Physics September 2023 -

BACHELOR'S DEGREE

- **Istanbul Technical University**
B.Sc. in Physics Engineering - GPA: 3.58 July 2018 - June 2023
 - **Minor: Theoretical Mathematics - GPA: 3.73**

SKILLS SUMMARY

- **Languages:** Turkish (Native), English (Full Professional proficiency / Simultaneous interpreter), Japanese, French, German (Limited Working proficiency)
- **Computer skills:** Fortran, C++, Matlab, Python, SQL, Pytorch (ML applications like CNNs, RNNs, Attention and transformer architectures), Microsoft Office programs, Video, audio and image editing softwares (Adobe PS, Premiere Pro, Audacity), Subtitling softwares

EXPERIENCE

- **Academic - Physics** 2021 -
 - **TÜBİTAK National Metrology Institute - Intern lab assistant (Summer 2021)** : Completed summer internship as lab assistant at TÜBİTAK National Metrology Institute.
 - **Research Assistant (December 2024 - February 2026)**: Research assistant at the Yıldız Technical University Physics Department.
 - **Research Assistant (February 2026)**: Research assistant at the Boğaziçi University Physics Department.

TEACHING EXPERIENCE

- **Research Assistant** 2024-2026
Yıldız Technical University
 - **Lab Instructor:** Led 12 lab sections for *Physics I* and *Physics II* (Engineering and Physics undergraduates), Fall '24–Spring '25.
 - **Teaching Assistant:** Conducted problem sessions (recitations) for the senior-level course *Classical Electromagnetic Theory II*, Fall '24–Spring '25.
- **Research Assistant** 2026-
Boğaziçi University
 - **Lab Instructor:** Led 2 lab sections for *Physics IV* (Engineering and Physics undergraduates), Spring '26.

CONFERENCES

- **Tutorials**
 - **ICPS (International Conference of Physics Students) (2024)**: Gave a 2 hour tutorial titled "Lie Group Analysis of Differential Equations" where I held a theory and Mathematica application session.
- **Student Seminars**
 - **Boğaziçi University Student Talks:** Taught a 2 hour course in GR involving: Parallel transport, Geodesics, Curvature, EFEs, Schwarzschild solution, and The Relativistic Action. The Differential Geometric justification and background for these approaches such as the connection and how the Riemann Curvature tensor and the concept Yang-Mills field strength relates.
 - **Boğaziçi University Student Talks:** Lie group analysis of Differential Equations

CERTIFICATIONS AND SCHOLARSHIPS

- **IELTS**
8.0 September 2022
- **TÜBİTAK 2210a**
Domestic Master's Scholarship Programme September 2023 -

VOLUNTEER EXPERIENCE

- **ITU Engineering Physics Students Club** 2019-2021
President, Vice President.
- **Chamber of Physics Engineers**
ITU student representative, organizer

ADDITIONAL EDUCATION

- **Boğaziçi University**

B.A. in Translation Studies (Conference Interpreting)

July 2014 - June 2018

- **Istanbul University**

B.A. in International Relations and Political Science

August 2020 - June 2025

ADDITIONAL EXPERIENCE

- **Tourism - Marketing**

- **Hotel Receptionist - Front Desk Manager:**

2015 - 2022

- **Marketing Assistant (December 2017, 2018):** Coordinated marketing in Istanbul with Mr. Chris Villasenor from Highline College.

Acted as the municipal Representative for Municipality of Çanakkale at the special event organized by the Bangladeshi embassy

- **Translator**

- **Literary Translator:**

2015 -

“Paratexts Thresholds of Interpretation - Genette Gerard” - Assistant translator to Associate Prof. Oğuz Baykara

“The Longest Century of the Empire – İlber Ortaylı” - Assistant translator to Dr. Jonathan Maurice Ross – translating the renowned history prof. İlber Ortaylı’s book “İmparatorluğun En Uzun Yüzyılı” (tr: The Longest Century of the Empire)

- **Freelance Translator:** Translation for the fashion blog Maritsa.co

Freelance translation, subtitling, transcription, and creation of dubbing scripts for Global Dubbing Center, Doğuş Media Group, Netflix and İYUNO and various Entertainment websites.

- **Freelance Conference Interpreter:** For Çanakkale Chamber of Commerce and Industry – with Bangladeshi delegation and later with the delegation from Newfoundland and Labrador

IEFT International Education Fairs of Turkey

“Bir Arada Yaşama Kültürü” Symposium – Boğaziçi University

Various EU project summits – Bahçeşehir University

Conference on investment opportunities and cooperation between the Czech Republic and Turkey - MÜSİAD