

Anar Abdullayev

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Education

University of Münster

Master of Science in Mathematics

Oct. 2024 – 2026 (Expected)

Münster, Germany

Middle East Technical University

Bachelor of Science in Mathematics

GPA: 3.52/4.0; High Honor

Sept. 2020 – June 2024

Ankara, Türkiye

Relevant Coursework

Model Order Reduction, Numerical Analysis, Numerical Optimization, Numerical Methods for Partial Differential Equations, Mathematical Modelling

Projects

\mathcal{L}_2 -optimal reduced-order modeling using parameter separable forms

University of Münster

Apr. 2025 – July 2025

Münster, Germany

A comparative analysis of GFEM and SUPG methods

Middle East Technical University

Mar. 2024 – June 2024

Ankara, Türkiye

Compartmental models in mathematical epidemiology

Middle East Technical University

Oct. 2023 – Jan. 2024

Ankara, Türkiye

Teaching Experience

Undergraduate Recitation Instructor

Middle East Technical University

Oct. 2023 – Jan. 2024

Ankara, Türkiye

- Conducted weekly recitation sessions for the course "Partial Differential Equations (MATH 358)", with a primary focus on enhancing students' comprehension of key concepts.
- Created a dedicated recitation webpage containing exercise sheets, their solutions, supplementary materials, and reference book problem solutions.
- Prepared tailored exercise sheets, enabling students to reinforce their understanding of the subject matter.

Honors and Awards

Mathematics Münster Full Grant Scholarship

University of Münster

2024 – 2026

YTB Tuition Fee Exemption

Presidency for Turks Abroad and Related Communities

2020 – 2024

High Honor Graduate

Middle East Technical University

Technical Skills

Programming languages: Python, Julia, MATLAB

Document preparation: \LaTeX

Languages

Azerbaijani: native proficiency

English: professional proficiency

Turkish: bilingual proficiency

German: beginner (basic communication skills)