

Anar Abdullayev

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Education

University of Münster Master of Science in Mathematics	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
Baku Turkish High School Grade: 5/5	2014 – 2019 Baku, Azerbaijan

Relevant Coursework

Numerical Analysis, Introduction to Optimization, Finite Element Methods for Partial Differential Equations, Mathematical Modelling, Applied Mathematics

Teaching Experience

Undergraduate Recitation Instructor Middle East Technical University	Oct. 2023 – Jan. 2024 Ankara, Türkiye
<ul style="list-style-type: none">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.	

Projects

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
<ul style="list-style-type: none">Engaged in self-directed exploration of compartmental models in mathematical epidemiology.Compiled a comprehensive report summarizing insights gained from various sources.Prepared to present findings to the "Mathematical Modeling" graduate course.	

Honors and Awards

Mathematics Münster Full Grant Scholarship University of Münster	2024 – 2025
YTB Tuition Fee Exemption Presidency for Turks Abroad and Related Communities	2020 – 2024

Technical Skills

Programming languages: Python, MATLAB
Document preparation: L^AT_EX

Languages

Azerbaijani: native proficiency
English: professional working proficiency
Turkish: bilingual proficiency