Anar Abdullayev

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Education

University of Münster	2024 – 2026 (Expected)
Master of Science in Mathematics	Münster, Germany
Middle East Technical University	Sept. 2020 – June 2024
Bachelor of Science in Mathematics	Ankara, Türkiye
GPA: 3.52/4.0; High Honor	

Relevant Coursework

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

Teaching Experience

Undergraduate Recitation Instructor — Oct. 2023 – Jan. 2024
Middle East Technical University — 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.

Projects

A comparative analysis of GFEM and SUPG methods — Mar. 2024 – June 2024
Middle East Technical University — Ankara, Türkiye

Compartmental models in mathematical epidemiology — Oct. 2023 – Jan. 2024
Middle East Technical University — Ankara, Türkiye

- 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 — 2024 – 2025
University of Münster

YTB Tuition Fee Exemption — 2020 – 2024
Presidency for Turks Abroad and Related Communities

Technical Skills

Programming languages: Python, MATLAB
Document preparation: LaTeX

Languages

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