

Curriculum Vitae

András Imolay

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Personal Data

- Place and date of birth: Budapest (Hungary), 27th May 1999
- Residence: 1194 Budapest, Endesz György street 50
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Education

- 2021-present: Eötvös Loránd University MSc, Pure mathematics
- 2018-2021 : Eötvös Loránd University BSc
 - Pure mathematics
 - Degree with honours
 - Thesis: Riemann hypothesis (Supervisor: Géza Kós)
- 2012-2018 : Fazekas Mihály High School
 - Class specialized in mathematics
 - Excellent high school leaving certificate

Competitions and Awards

- 1st prize and a special award at OTDK 2023
- 3rd prize at Miklós Schweitzer Mathematics Competition 2022
- Kató Rényi Award 2021
- 1st and 3rd prize at OTDK 2021
- 1st prize at International Mathematics Competition 2020
- 1st prize at International Mathematics Competition 2019
- Honorable mention at Miklós Schweitzer Mathematics Competition 2018
- 1st prize at Kürschák Mathematics Competition, 2018

- 2nd prize at International Mathematical Olympiad 2018

Scholarships

- National Higher Education Scholarship in 2020-21, 2021-22, 2022-23
- ÚNKP Research Scholarship in 2018-19, 2020-21, 2021-22, 2022-23
- REU Summer Research Program 2020, 2021

Teaching

- Analysis 1 and 2 exercise class teacher 2022-2023 (two lessons weekly, each lasting one and a half hours)
- MaMuT 2 camp 2021, 2022 (six lectures in a camp, each lasting one and a half hours)
- EGMO training camps 2020-2023 (altogether seven camps, around 10 hours of teaching in each of them)
- Flying School program 2021-2023 (altogether eight lectures, each lasting three hours)

Organizing

- Main organizer of six EGMO training camps in 2022-2023
- I am a member of the editorial board of KöMaL (working on the most challenging, "A" competition) since 2021
- I am on the OKTV committee of the third category of mathematics since 2022
- I am one of the main organizers of the mathematics part of the Dürer competition since 2021
- Organizer of the MaMuT 1 and 2 camps each year since 2019
- I was on the committee of the final of the László Kalmár Competition in 2022

International competitions

- Deputy leader of the Hungarian MEMO team since 2020
- Coordinator on IMO 2022
- Coordinator on EGMO 2022

Reviewing and correcting

- I reviewed an article for Discrete Mathematics in 2023
- I correct at olympiad qualification contests every year since 2019
- I correct at KöMaL every year since 2018

- I correct at the Dürer competition every year since 2018

Publications

- P. Csikvári and A. Imolay. Covers, orientations and factors. *The Electronic Journal of Combinatorics*, 27(P3.25), 2020
- M. Alexy, M. Borbényi, A. Imolay, and Á. Timár. Connectedness of the free uniform spanning forest as a function of edge weights. *Electronic Communications in Probability*, 27:1–12, 2022
- A. Imolay, A. Kocsis, and Á. Schweitzer. Clique number of Xor products of Kneser graphs. *Discrete Mathematics*, 345(7):112886, 2022
- A. Imolay, J. Karl, Z. L. Nagy, and B. Váli. Multicolor Turán numbers. *Discrete Mathematics*, 345(9):112976, 2022

Seminar talks

- Free University of Berlin, seminar of Combinatorics and Graph Theory research group 2022 (in English)
- Algebra seminar of ELTE 2022
- Seminar of Bolyai College 2022
- Extremal set systems seminar of Rényi 2021 (in English)

Skills

- Programming in C++ (Codeforces Master rank)
- English combined B2 exam