Sandro Paradžik

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"Only those who attempt the absurd will achieve the impossible. I think it's in my basement... let me go upstairs and check."

— M. C. Escher

Education

BSc in Computer Science: University of Sarajevo Expected graduation: July 2025

Experience

CaCTüS intern: Max Planck Institute for Biological Cybernetics *July* 2024 – *September* 2024

 $\label{thm:path-discovery} Data-driven \ discovery \ of \ functional \ subnetworks \ in \ the \ zebrafish \ brain.$

PSI Project participant: ANNT

July 2023 – December 2023

Undergraduate research project organized by Association for the Advancement of Science and Technology in Bosnia and Herzegovina (ANNT). My project was in uncertainty quantification for agent-based modeling. Reference: Kenan Šehić, Ph.D.

Selected awards from math competitions

Mediterranean Mathematics Competition (also: Peter O'Halloran Memorial): Bronze medal, awarded 2021

Federation of Bosnia & Herzegovina: rank 2nd, awarded 2021

Mediterranean Mathematics Competition: Honorable Mention, awarded 2019

Federation of Bosnia & Herzegovina: rank 1st, awarded 2019

Mediterranean Mathematics Competition: Bronze medal, awarded 2018

Federation of Bosnia & Herzegovina: rank 3rd, awarded 2018

Selected teaching and mentoring

Lecturer: Math School for Gifted Students

2022 – present

Training program for math competitions, organized by The Association of Mathematicians of Sarajevo Canton.

Tutor: MetaMath 2022 – present

MetaMath is a Croatian training program mostly focused at preparing students for math competitions. It is supported by Croatian Mathematical Society.

Skills

Programming Python, C++, LATEX.	 	 	
Languages	 	 	
Bosnian, English.			