CURRICULUM VITAE



Božidar Kozić

Master's degree in Advanced Mathematics

Bachelor's degree with Honours in Mathematics Teaching

BASIC INFORMATION

Email: kozic.bozidar@gmail.com

Website: kozicbozidar.com

WORK EXPERIENCE

Teaching Associate | 2023-2024

Faculty of Technical Sciences, Novi Sad, Republic of Serbia

- Department of Fundamental Disciplines in Technology, Chair for Mathematics
- Courses Taught: Algebra, Mathematics 1, Operations Research, Probability and Stochastic Processes, Probability Theory and Statistics

External Teaching Associate (Mathematics) | 2023-2024

Grammar School "Jovan Jovanović Zmaj", Novi Sad, Republic of Serbia

- Teaching: 1st grade high school students specializing in physics

Mathematics Teacher | 2023

Technical High School "Milenko Verkić Neša", Pećinci, Republic of Serbia

- Teaching: 1st, 2nd, 3rd and 4th grade high school students

Private Math Tutor | 2017-Present

- For university, high school and elementary school students

EDUCATION

Autonomous University of Barcelona (UAB), Doctoral School, Barcelona, Spain | 2026-Present

Doctoral Studies

- Study Program: Mathematics
- Working thesis title: Physics-Informed AI for Functional MRI Post-Processing

University of Barcelona (UB), Faculty of Mathematics and Computer Science, Barcelona, Spain | 2024-2026

Master's degree studies

- Study program: Advanced Mathematics
- Master's Thesis: Mathematical Modelling of Beach Litter Distributions using Drone Images
- GPA: 8.12 (decimal scale 0–10, minimum passing grade: 5), ECTS: 60
- **Recipient of a scholarship :** Scholarship of the Young Talent Fund (Republic of Serbia) - Scholarships for the best students of the second and third degree studies at the world's leading universities for the academic year 2024-25

University of Novi Sad (UNS), Faculty of Sciences, Novi Sad, Republic of Serbia | 2017-2023

Bachelor's degree studies

- Study program: Bachelor with Honours in Mathematics Teaching
- GPA: 9.18 (integer scale 5–10, minimum passing grade: 6), ECTS: 244

- **Recipient of two scholarships:**
  - Scholarship of the University of Novi Sad - Fund for giving a scholarship and encouraging the advancement of gifted students and young scientists and artists, for the academic year 2020-2021
  - Scholarship of the Ministry of Education, Science and Technological Development of Serbia - Scholarship for students of higher education institutions in the Republic of Serbia who are being educated to perform high-demand professions of particular importance, for the academic year 2019-2020

Grammar School "Jovan Jovanović Zmaj", Novi Sad, Republic of Serbia | 2013-2017

High School

- Focus: Natural Sciences and Mathematics

TECHNICAL SKILLS

Programming Languages: Python, R and C#
Scientific Libraries: NumPy, Pandas, Xarray and SciPy
Statistical and Machine Learning Frameworks: PyMC and ArviZ

LANGUAGES

Serbian - native
English - ETS TOEFL: 104/120
Spanish - basic understanding

RESEARCH INTERESTS

- Applied Mathematics
- Statistical Modelling
- Stochastic Processes
- Machine Learning

PERSONAL INTERESTS

- Drawing/Painting (attended the School of Painting "Dečiji kulturni centar Novi Sad")
- Choir singing (former member of the Grammar School "Jovan Jovanović Zmaj" choir)
- Sports: football, gymnastics, swimming and boxing