



Katarina Slavković
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Address
Trg Milentija Popovica
46
Crna Trava
Serbia

Katarina Slavković

Junior Researcher

Education

2024 – Present, University of Niš, Faculty of Civil Engineering and Architecture, Niš, Serbia

PhD Studies in Civil Engineering

2023 – 2024, University of Niš, Faculty of Civil Engineering and Architecture, Niš, Serbia

Master of Science (MSc)

Specialization: **Structures Engineering**

Thesis: Seismic Performance Assessment of Steel Frame Structures Using Nonlinear Static Analysis.

2019 – 2023, University of Niš, Faculty of Civil Engineering and Architecture, Niš, Serbia

Bachelor in Civil Engineering

Specialization: **Structures Engineering**

Thesis: Analysis of Dynamic Characteristics and Seismic Response of Multi-Story Reinforced Concrete Frame Structures.

2015 – 2019, Technical School "Milentije Popović", Crna Trava, Serbia

High School - Civil Engineering Technician

Experience

Feb. 2025 – Present, Junior Researcher, Mathematical Institute of the Serbian Academy of Sciences and Arts

Belgrade, Serbia

Scientific research work in the area of cooperation and engagement in scientific projects, participation at scientific seminars, colloquiums, symposia and conferences.

Oct. 2024 – Present, Teaching Associate, Faculty of Civil Engineering and Architecture

Niš, Serbia

Teaching associate for preparing and conducting exercises, reviewing and accepting graphical works in *Strength of Materials I* and *Technical Mechanics II*.

Jul. 2024 – Jan. 2025 Associate Structural Designing Engineer, Projekt-inzenjering TIM

Niš, Serbia

Associate Structural Designer for the Construction Design of the *National Library of Serbia Depot*.



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Oct. 2023 – Jul. 2024 Teaching Associate, Faculty of Civil Engineering and Architecture

Niš, Serbia

Teaching associate for preparing and conducting exercises, reviewing and accepting graphical works in *Technical Mechanics II* and *Strength of Materials II*.

Feb. 2023 – Jun. 2023 Teaching Associate, Faculty of Civil Engineering and Architecture

Niš, Serbia

Teaching associate for preparing exercises in *Strength of Materials II*.

Awards

Best graduate student in the Master's program in Civil Engineering (2023/2024).

Best graduate student in the Bachelor's program in Civil Engineering (2022/2023).

Top graduate of the high school, Diploma for excellent performance in high school.

Research Interests

Primary focus on applied mechanics and structural theory.

Other interests include: Structural Dynamics with Earthquake Engineering.

Scholarships

Scholarship "Dositea" of the Fond for young talents, funded by the Ministry of youth and sports of the Republic of Serbia (2022 - 2024)

Scholarship of the Ministry of Education, Science and Technological Development of the Republic of Serbia for best students (2019 - 2023)

Scholarship of the Ministry of Education, Science and Technological Development of the Republic of Serbia for best high school students (2017 - 2018)

Computer skills

Computer Software

- Microsoft Office
- Simulia Abaqus FEA
- Radimpex ArmCad
- Dlubal RFEM
- LaTeX
- Wolfram Mathematica
- Autodesk AutoCAD
- Radimpex Tower
- Xara

Programming skills

- Python
- FORTRAN