



Nikola Vračević

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Date of birth: 13/11/1998 **Nationality:** Serbian, Croatian

ABOUT ME

Graduate geodata scientist with a double degree from Erasmus Mundus Coprenicus Master in Digital Earth programme in Geoinformatics and Earth Observation (University of Salzburg) and GeoData Science (University of South Brittany). Interested in software development and machine learning applications, with a broader focus that extends traditional geo-domains.

WORK EXPERIENCE

[15/04/2023 – Current]

Scientific researcher

Univeristy of Salzburg

City: Salzburg | **Country:** Austria

Developing crawlers for Telegram, Mastodon, Reddit and Tiktok, as well as a pipeline for location entity recognition from unstructured text at Geo-Social Analytics Lab, Department of Geoinformatics, Faculty of Analytical and Digital Sciences.

[01/12/2021 – 31/03/2022]

Research assistant intern

Institute of Architecture and Urban&Spatial Planning of Serbia

City: Belgrade | **Country:** Serbia

Conducting scientific research with quantitative methods and GIS, as well as participating in local and regional planning processes through the development of spatial planning documents.

[30/06/2021 – 30/09/2021]

Water resources GIS modeler

Faculty of Geography, University of Belgrade

City: Belgrade | **Country:** Serbia

Calculating hydrologic elements using software for the purpose of the Flood risk management plan of Belgrade Region.

[31/01/2021 – 31/05/2021]

GIS and CAD operator on WebGIS application for local governments

MapSoft

City: Belgrade | **Country:** Serbia

Transferring CAD files of Spatial plans' maps to shapefile as well as correcting multiple technical, topological, cartographic and planning errors. Preparing styled spatial database for a server.

[30/09/2020 – 31/05/2021]

GIS coordinator

Faculty of Geography, University of Belgrade

City: Belgrade | **Country:** Serbia

Responsible for setting the strategy and monitoring the production of evaluation maps used on a WebGIS service Geodesign Hub. Developing three scenarios and identifying innovations in energy and transport infrastructure systems.

EDUCATION AND TRAINING

[01/09/2023 – 30/06/2024]

Master Informatique parcours GeoData Science

University of South Brittany <https://www.univ-ubs.fr>

City: Vannes | **Country:** France |

[01/10/2022 – 30/06/2023]

Master of Science, Geoinformatics and Earth Observation

Univeristy of Salzburg <https://www.plus.ac.at>

Address: Kapitelgasse 4/6, 5020, Salzburg, Austria |

[30/09/2018 – 15/07/2022]

Bachelor of Science, Spatial planning

University of Belgrade <https://www.bg.ac.rs>

Address: Studentski trg 3/3, 11000, Belgrade, Serbia |

DIGITAL SKILLS

My Digital Skills

QGIS/GRASS | ArcGIS Pro & ArcMap | AutoCAD | Python | R | Java | JavaScript
| SQL | NoSQL | SQL Spark

HONOURS AND AWARDS

[30/11/2021]

20th SuperMap GIS Contest 2021 - Second prize in Mapping category and Third prize in Application analysis category

Awarding institution: SuperMap Software Co., Ltd

[09/11/2021]

30th International Urban Planners Exhibition - Recognition award in Students' works category

Awarding institution: Serbian Society of Urban Planners

[30/11/2020]

19th SuperMap GIS Contest 2020 - Challenge prize in Application analysis category

Awarding institution: SuperMap Software Co., Ltd

LANGUAGE SKILLS

Mother tongue(s): Serbian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

German

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Russian

LISTENING B1 READING B1 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user