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, specializing in Geoinformatics and Earth Observation (University of Salzburg) and GeoData Science (University of South Britanny). With a year and a half of work experience in data engineering, I am interested in software development and machine learning applications, with potentially a broader focus that extends traditional geo-domains.

WORK EXPERIENCE

[15/04/2023 – Current]

Data Engineer

Univeristy of Salzburg

City: Salzburg | **Country:** Austria

Developing a unified geoparsing and data collection pipeline for seven social media platforms, seamlessly integrating an intuitive interface at the Geo-Social Analytics Lab, Department of Geoinformatics with Python and MongoDB.

[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 evalution 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 Britanny   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 Products | Open Source GIS | AutoCAD | Python | R | Java | JavaScript | SQL | NoSQL | Apache 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 A warding 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** B1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

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