

ALEKSANDAR LUKAČ

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Summary

Data science student from Serbia. Pursuing bachelor's degree from the data science course at the University of Novi Sad. Also experienced in software engineering (internships, projects, competitions). Main interests: machine learning, algorithm theory and optimization algorithms.

Skill Highlights

- Python
- C#
- C++
- JavaScript
- Machine learning
- Algorithms and data structures
- Genetic algorithms
- Databases

Experience

Software engineer intern - 08/2020 - 12/2020

Microsoft Development Center Serbia, Belgrade

- Worked with Azure SQL team on Spatial data support

Software engineer intern - 08/2018 - 11/2018

Microsoft Development Center Serbia, Belgrade

- Worked with Office team on PowerPoint auto layout generator

Teacher - 10/2020 - present

Grammar School "Jovan Jovanovic Zmaj", Novi Sad

- Teaching Informatics – basic computer architecture and programming in Python

IT Officer - 06/2019 – present

Rotaract District 2483, Serbia and Montenegro

- Web development and maintenance
- 5 years of volunteer charity work with Rotaract club

Core team member - 10/2020 – present

Google Developers Student Club, University of Belgrade

Bubblecup – International team coding competition – 2018 and 2020

Scientific committee member (Judge), Belgrade, Serbia

University related and hobby projects

Topics: genetic algorithms, machine learning, numerical algorithms (Secret Sharing), cryptography, DBMS file organization, compilers, mini browser games

Education

Faculty of Technical sciences - 2017 - 2021

University of Novi Sad, Novi Sad, Serbia

- Field of study: Informational engineering (Data science)
- Honors: University award (GPA 10.0/10.0) in 2019 and 2020

Grammar School 'Jovan Jovanovic Zmaj' – 2013 - 2017

Novi Sad, Serbia

- Honors: best student of the graduation class of 2017

Elementary School at Grammar school 'Jovan Jovanovic Zmaj' – 2011 - 2013

Novi Sad, Serbia

- Honors: best student of the graduation class of 2013

Languages

Serbian language – mother tongue

English language – C1 (CAE certificate – B grade, 2017), TOEFL 112/120 (2020)

German language – B1

Honors and awards

Microsoft Sinergija Challenge - 2019

3rd place award

- Competition for developing best software for Serbian government agencies

People's choice award at Microsoft Fix, Hack, Learn

- Autocompletion for Word online – approach with LSTM neural network

Catalysts Coding Challenge – 2019

2nd place award at national competition

- 45th ranked team worldwide

Winner at International Mathematics Tournament of the Towns – 2014

National high school competitions – 2013 – 2017

- Numerous awards in mathematics, programming and physics

Scholarship of the Serbian Ministry of Education, Science and Technological Development for academic achievements - 2019, 2020

Hobbies and interests

Music (playing violin, guitar and piano), Sports (basketball, skiing, swimming), reading, solving puzzles