

ALEKSANDAR LUKAČ

Novi Sad, Serbia

Email:
aleksa@lukac.rs

www.aleksa.lukac.rs
linkedin.com/in/aleksalukac
github.com/aleksalukac

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