ALEKSANDAR ZDRAVKOVIĆ

+381 60 6789 097

zdravkovic.aleksandar21@gmail.com

Novi Sad, Serbia

TECHNICAL SKILLS

- Python
- Pandas
- scikit-learn
- TensorFlow
- MySQL
- Data Visualisation
- C/C++
- Java

SOFT SKILLS

- Teamwork
- Communication
- Attention to detail
- Presentation
- Work ethic
- Time management
- Problem solving
- Adaptability

EDUCATION

PROFICIENT IN ENGLISH (C2) AND SERBIAN

SECONDARY SCHOOL

Jovan Jovanović Zmaj Grammar School,
Mathematics

2018 - 2022

BACHELOR'S DEGREE

Faculty of Sciences,
BSc Computer Science

2022 - 2025

PROFILE

As a second year computer science student at the Faculty of Sciences, I am seeking a job opportunity in the field of machine learning. I have a strong foundation in machine learning concepts, including supervised and unsupervised learning, and have completed coursework in data analytics, probability, artificial intelligence and databases with the highest grade. I am proficient in Python and have experience with machine learning libraries such as Tensorflow, Keras and scikit-learn. I am eager to apply my knowledge and skills to real-world projects and gain practical experience in the field.

PROJECTS

TENNIS MATCH OUTCOME PREDICTOR

- Working with a database of all tennis matches played since 2011
- Preprocessing the data by using the important features and grouping
- Using weighted means of a tennis player's stats in previous matches
- Making a logistic regression model with a 66.1% accuracy on the test set, using Grid Search cross-validation to tune the parameters

MASTER'S DEGREE ADMISSION

- Working with a database of Indian students and their performances
- Making a logistic regression model to predict if they get admitted to their master's degree program of choice
- Using cross-validation to find the best parameters
- Plotting an ROC curve to find the best threshold

COVID-19 ANALYSIS

- Working with a Mexican database of COVID-19 infected patients
- Reformatting the data to better suit the needs for making predictions
- Making a decision tree and tuning its parameters to find a low-bias and low-variance model for predicting if the infected person would die
- Performing feature selection to make the model more usable in practice