Tijana Petrovic

Student at Faculty of Technical Sciences

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As an Information Engineering student at the Faculty of Technical Sciences in Novi Sad, I am passionate about the intersection of mathematics, statistics, computer science and data engineering.

I believe in the importance of continuous learning and skill development. I am committed to expanding my knowledge and capabilities, whether through formal education, self-study, or hands-on projects. I am particularly enthusiastic about learning from mentors and experienced colleagues, as their guidance and insights are invaluable in navigating the complexities of the field.
My academic journey has been guided by a passion for problem-solving and interest in using data to drive innovation and make informed conclusions. I am excited to continue growing in this field and to contribute to projects that make a meaningful impact.

Education

Grammar School 'Isidora Sekulic', Novi Sad   *2017-2021*

University of Novi Sad   *2021- present*
- Faculty of Technical Sciences
- GPA: 9.13

Experience

Data Analyst Internship at company Levi9   *2024*

Skills

- Data Analytics
- Data Processing
- Statistics
- Web Development
- Database
- MS Excel
- English (C2 level)

Python, Java, C#, C, C++, JavaScript, SQL
Vue, React, Spring Boot, .NET, WPF
Git

Projects

- Goodreads website clone

  Developed backend using Spring Boot Framework and designed frontend using Vue.Js framework. Learned about teamwork, got introduced to Git.
- Booking-like application

  Learned about project architecture and team conventions. Started using more advanced Git/Github techniques. Developed desktop application using .NET and WPF, with a special reference to human computer interaction.

- Predictions using different prediction algorithms in Python

  Learned about logistic and linear regression, random forest, decision tree, SVM algorithms, evaluation metrics, data preprocessing, data analytics using charts.

- Social media-like application Only Buns

  Developed backend using Spring Boot Framework and designed frontend using Vue.Js framework. Learned about advanced web programming features such as message queuing systems, rate limiting mechanisms and application-level caching.

- Data Analysis using services available on the Amazon Web Services Platform

  Project during my 3 week internship in company Levi9. Used Pandas and PySpark and AWS managed services for data analysis. Used AWS S3 for uploading data for further processing, then AWS Glue Crawler in order to enable efficient analysis through the Athena service. Established data quality rules, verified data transformations using AWS Glue services.

Achievements and awards

- Diploma 'Vuk Karadzic' for excellent success in grammar school
- State scholarship in college
- Cambridge English Level 3 Certificate in ESOL International (Advanced)*
  (ability at Level 3* and Council of Europe Level C2)

Personal information

GitHub: https://github.com/tijanicica

LinkedIn: http://www.linkedin.com/in/tijana-petrovic-b8417a321

Portfolio: https://tijanas-portfolio.netlify.app