Teodora Maksimović

+381 64 115 2005 | teodoramax04@gmail.com | **LinkedIn** | **Portfolio** | **GitHub**

Summary

I'm a Computer Science student who enjoys combining mathematical thinking with programming to solve problems and make sense of data. I'm naturally curious, always eager to learn new things, and quick to pick up new concepts and technologies. I'm particularly interested in data science and enjoy challenging myself, working on new projects, and finding opportunities to grow both personally and professionally.

Education

Faculty of Mathematics, University of Belgrade — Belgrade, Serbia
BSc in Computer Science — *Oct. 2022 – Present*

Grammar School "Vuk Karadžić" — Loznica, Serbia
Specialized Program for Gifted Students in Computer Science and Informatics — *Sept. 2018 – May 2022*

- GPA: 5.0/5.0
- Awarded the Vuk Karadžić Diploma for outstanding academic achievement

Projects

Formula 1 Performance Analytics | *Python, PostgreSQL, SQL, Tableau* — 2026

- Analyzed Formula 1 race data from 2014 to 2024 to explore driver and constructor performance
- Cleaned and transformed datasets using Python and pandas
- Designed a PostgreSQL database and wrote SQL queries using JOINs, aggregations, and CTEs to analyze performance trends
- Developed two interactive Tableau dashboards visualizing race statistics, seasonal trends and driver comparisons
- Repository

E-Commerce Reviews Sentiment Analysis | *Python, VADER, Tableau* — 2026

- Analyzed 22641 customer reviews to explore customer satisfaction, product ratings, and recommendations
- Cleaned and preprocessed customer review data using Python and pandas, handling missing values and preparing data for analysis
- Applied VADER sentiment analysis to classify customer reviews as positive, negative, or neutral
- Developed an interactive Tableau dashboard to visualize sentiment trends across product ratings, recommendations, and clothing departments
- Repository

Serverless Salon Scheduling System | *AWS* — 2026

- Collaborated in a two-person team to design and deploy a serverless web application using AWS cloud services
- Configured and integrated AWS Lambda and API Gateway with DynamoDB to create a serverless backend
- Implemented owner authentication using Amazon Cognito
- Hosted the web interface on Amazon S3 and distributed it through CloudFront
- Live demo

Pokémon Battle Simulator | *C++, Qt* — Dec. 2025 – Feb. 2026

- Collaborated on a team project to develop a multiplayer game, focusing on UI/UX and client-side functionality
- Implemented Pokémon selection and display and hover-based stat information
- Implemented client-server communication for Pokémon selection and transition to the battle screen
- Added background music, sound effects, audio controls, and battle interface improvements
- Contributed to UI styling, code organization, usability improvements, and UML-based software documentation
- Repository

3D Computer Graphics Project | *C++, OpenGL* — 2025

- Built and rendered a 3D scene with multiple models, textures, lighting, and custom shaders
- Implemented camera controls, object transformations, and real-time scene interaction
- Worked with model rendering and resource management for 3D assets and textures
- Repository

Courses & Certifications

Python and Tableau: The Complete Data Analytics Bootcamp | *Udemy* 2026

- Data cleaning, exploratory analysis, pandas, data visualization and interactive Tableau dashboards
- Certificate

Pandas | *Kaggle* 2026

- DataFrame operations, filtering, grouping, sorting, and handling missing data
- Certificate

Volunteering

Data Science Conference Belgrade, Serbia

Attendee Support Volunteer *Nov. 2023*

- Assisted the organizing team with on-site coordination and attendee inquiries

Technical Skills

Programming Languages: Python, SQL, C/C++, Java, R, MATLAB
Libraries: pandas, NumPy, Matplotlib, scikit-learn
Databases: PostgreSQL, IBM Db2, DynamoDB
Frameworks & Technologies: Hibernate, JDBC, Qt, OpenGL
Tools: Tableau, Microsoft Office (Excel, PowerPoint, Word), Git, GitHub, GitLab, Docker, Linux, VS Code, DataGrip
Cloud: AWS Lambda, API Gateway, S3, CloudFront, Cognito
Concepts: Data Cleaning, Exploratory Data Analysis (EDA), Data Visualization, Probability & Statistics, Database Design, Object-Oriented Programming

Languages

Serbian: Native
English: Full working proficiency