Veljko Prodan

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EDUCATION

Faculty of Mathematics, University of Belgrade   2019 - 2024
Bachelor's degree - Computer Science

Ninth Belgrade Gymnasium "Mihailo Petrović Alas"   2015 - 2019
Natural Sciences and Mathematics

PROJECTS

Cutting Stock Problem Optimization | *Python*   2024
- Team project for Computational Intelligence course
- Applied genetic algorithm and other optimization techniques
- GitHub link

PAI Patterns | *Python*   2024
- Team project for Data Mining course
- Used various techniques to detect patterns within pathogenicity islands in a genome
- GitHub link

Data Mining - Internet Firewall Dataset | *Python*   2023
- Individual project for Data Mining course
- Preprocessed and used various clustering, classification, and association rule techniques on the dataset
- GitHub link

Weather App | *C++, Qt*   2023
- Team project for Software Development course
- Displaying real-time weather data
- GitLab link

Software Development Tools Project   2024
- Individual project for Software Development Tools course
- Applied various tools on the Weather App project: Docker, Valgrind, GCov, Doxygen...
- GitLab link

Super Mario OpenGL | *C++, OpenGL, GLSL*   2022
- Team project for Computer Graphics course
- GitHub link

SKILLS

Languages: Python, C++, C, Java, SQL

Libraries: PyTorch, TensorFlow, Keras, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

Tools: Git, Docker