

CONTACT

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TECHNICAL SKILLS

Programming Languages

- C++
- Python
- MySQL
- Java
- Git
- HTML/CSS
- React
- JS/jQuery/AJAX

Skills

- Algorithms & Data Structures
- Object-Oriented Programming
- Database Management
- Web development
- Ubuntu Server management
- Mathematics & Physics

LANGUAGES

- English - C1 level (CAE)
- German - TestDaf level 3

PROJECTS

- Multilateral compensation improvements using graphs
- Performance evaluation of database systems with B+ trees
- Decision tree optimizations in the water sort game
- University student's information system full-stack web application

VOLUNTEERING

- Member of Google development centre, the engineering team
- Technical assistant at IAESTE A.s.b.l Belgrade, 2022
- Technical Assistant, Rowing World Cup Belgrade, 2017-2018

Luka Mladenović

Software Engineer

Software Engineering student studying at the School of Electrical Engineering, University of Belgrade, Serbia. Passionate about software development, problem solving and mathematics.

EDUCATION

School of Electrical Engineering, University of Belgrade

- Bachelor of Software Engineering, 2021 - Present
- Coefficient 10.20 / 10.00

Mathematical Grammar School, Belgrade, Serbia

- Specialised for students talented in mathematics, physics and computer science, 2017 - 2021
- GPA 4.85 / 5.00

WORK EXPERIENCE

Research Center "Mihajlo Pupin"

Software Engineer Intern, July 2022 - October 2022

- Intern in the machine learning department, developing a platform for the validation and visualization of predictive analytics for the needs of electric power transmission system operators.
- Application of Linear Regression with Fullstack development
- Frameworks used: Tensorflow, Flask, Bokeh, SQLAlchemy, Kubernetes and JupyterHub

Kop Sport

Software Engineer Assistant, January 2022 - March 2022

- Implemented a new feature in our existing application to push a notification to customers based on parameters stored in our database
- Improved the user experience and reached ~20% increase of booked classes for over 7.000 monthly customers

Korak napred

Mathematics Teacher, October 2020 - June 2021

- Teaching Middle schoolers and High schoolers Algebra, Geometry and Calculus.
- Worked part time during school period

ACHIEVEMENTS

Programming

- Multiple participations in National Programming Competitions

Mathematics & Physics

- Multiple participations in National Competitions

Sport & Hobbies

- Rowing : 3. place World Rowing Championship, Aiguebelette 2015, 2. place European Rowing Championship, Trakai 2016
- Skiing: Ski Instructor ISIA , multiple participations in International Skiing Competitions
- Diving: Advanced Open Water Diver, Padi Diving certificate