



# Nikola Markov

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## EDUCATION

### University of Belgrade, Faculty of Mathematics | Serbia (2018- 1 exam left)

- Pursuing a B.Sc. in Computer Science, current GPA 7.92/10.0
- [List of courses](#) that I have had.

### Grammar School Sveti Sava | Belgrade (2014-2018)

- GPA 4.61/5.00

## WORK EXPERIENCE

### Lifeguard | Belgrade (April 2016 - February 2018)

- Worked at swimming pools

### Aktiv Pflegekräftevermittlung GmbH | Munich, Germany (February 2018 - July 2020)

- Social media supervisor (remote)
- Maintained social media accounts, making campaigns and interacting with customers.

## PROJECTS

### [Parallel Beam Search](#) | University project | (2023)

- Implemented a parallelized version of beam search for solving TSP problem and compared results with other algorithms. Used python.

### [File Manager](#) | University project | Team of 6 (2022)

- The program has tools for file manipulation, including copy, move, rename, delete, zip, search and remote server connections, as well as comprehensive unit tests. This application is written using C++ and the Qt framework.

### [Project Optimization](#) | University project | (2022)

- Used tools and strategies to improve existing project and fix memory leaks.

### [Dynamic 3D Scene](#) | University project | (2021)

- Created a dynamic 3D scene that showcases techniques learned while attending a university course on Computer Graphics. Used OpenGL in C++.

## ADDITIONAL

### Summary of Programming Languages:

- Excellent: C, C++, Java, Python
- Good: SQL, Javascript, Haskell, Scala, Prolog, Matlab, Solidity, PHP, (HTML, CSS)

### Other skills:

- Good mathematical background, strong algorithmic and problem-solving skills, knowledge of data structures

### Languages:

- Fluent English, Native Serbian, Basic Russian