

# Avram Đorđević

Belgrade, Serbia

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🌐 github.com/avramdj

Student of computer science. Passionate about algorithms, mathematics, automation and optimization. Currently interested in data science and distributed system design.

## Education

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- **Faculty of Mathematics, University of Belgrade** **Belgrade**  
*Bachelor Student, Computer Science* *2017 – Present*

## Experience

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- **OIP Robotics** **Belgrade**  
*Junior Software Developer* *2021 – Present*

## Selected projects

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- **MATF Scheduler** (Python/Flask, Web scraping)  
Webapp that helps students at my faculty schedule their classes.  
🌐 [github.com/avramdj/kmiljan-scheduler](https://github.com/avramdj/kmiljan-scheduler)
- **Lemur-lang** (C++, LLVM, Antlr4)  
A compiled object-oriented programming language.  
🌐 [github.com/avramdj/lemur-lang](https://github.com/avramdj/lemur-lang)
- **ICanHelp - FON Hackathon 2021** (Node/Express, Mongodb, Angular)  
Intuitive volunteer management system. 48h Hackathon team project.  
🌐 [github.com/avramdj/icanhelp](https://github.com/avramdj/icanhelp)
- **Artificial Life Simulation: Boids** (C++, OpenGL)  
Flocking behaviour simulation. Implementation of Craig Reynolds' paper on boids (bird-oid objects).  
🌐 [github.com/avramdj/artificial-life-boids](https://github.com/avramdj/artificial-life-boids)
- **FCNN lib** (C++)  
Minimal C++ library for creating fully connected feedforward neural networks. Inspired by Keras.  
🌐 [github.com/avramdj/minimal-fcnn-library](https://github.com/avramdj/minimal-fcnn-library)
- **GPT-3 Chatbot** (React, Node, Python/Flask, MongoDB)  
Online chatbot that remembers every users previous conversation. Uses the OpenAI GPT-3 API.  
🌐 [github.com/avramdj/gpt3-chat](https://github.com/avramdj/gpt3-chat)

## Technical skills

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**Experienced:** Python, C++, C, Javascript, Java, Shell

**Know:** Typescript, Haskell, Scala, Prolog

**Other:** Git, Docker, Node, Flask, React, MongoDB, MySQL, Tensorflow, Hibernate, Linux, HTML/CSS,...

## Languages

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**Serbian:** Native

**English:** Fluent