

# Avram Đorđević

Belgrade, Serbia

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🌐 github.com/avramdj • 🎂 Date of birth: 04.10.1998.

Highly motivated and passionate about a wide range of computer science topics.

## Education

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- **Faculty of Mathematics, University of Belgrade**  
Bachelor Student, Informatics

**Belgrade**  
2017 – Present

## Skills

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**Programming languages:** Python, C/C++, Javascript/Typescript, Java, Haskell, Scala

**Other:** Git, Docker, Node, Flask, React, MongoDB, DB2, Tensorflow, Heroku, Spring, HTML/CSS,...

## Projects

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- **MATF Scheduler** (Python, Web scraping, Flask)  
Webapp that helps students at my faculty schedule their classes.  
🌐 github.com/avramdj/kmiljan-scheduler
- **Lemur-lang** (C++, LLVM, Antlr4)  
A compiled object-oriented programming language.  
🌐 github.com/avramdj/lemur
- **ICanHelp** (Node/Express, Mongodb, Angular)  
Intuitive volunteer management system. Hackathon team project.  
🌐 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
- **FCNN lib** (C++)  
Minimal library for creating simple feed-forward fully connected neural networks. Inspired by Keras.  
🌐 github.com/avramdj/minimal-fcnn-library
- **Web watcher** (Python, MongoDB) (Selenium scraper, MySQL)  
Chat bot that helps any user track any web page for changes. Originally developed to help classmates track professors web pages.  
🌐 github.com/avramdj/discord-bot-rezultati
- **Blockchain protocol implementation** (Java)  
Distributed blockchain based transaction system. Work in progress.  
🌐 github.com/avramdj/blockchain-protocol-implementation