

# Avram Đorđević

Belgrade, Serbia

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

Interested in algorithms, mathematics, automation and optimization. Currently learning about devops and distributed system design.

## Education

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

## Skills

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**Programming lanugages:** Python, C++, C, Javascript/Typescript, Java, HTML/CSS, Bash

**Other:** Git, Docker, Node/Express, Flask, React, MongoDB, MySQL, Tensorflow, Heroku, Spring

## Experience

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- **MATF Scheduler** (Python, Web scraping, Flask)  
Webapp that helps students at my faculty create custom class schedules based on their preferred professors/TAs.  
🌐 github.com/avramdj/kmiljan-scheduler
- **ICanHelp** (Node/Express, Mongoddb, Angular)  
Intuitive volunteer management system. Hackathon team project.  
🌐 github.com/avramdj/icanhelp
- **Artificial Life Simulation: Boids** (C++, OpenGL)  
Bird/fish flocking behaviour simulation. Implementation of Craig Reynolds' paper on "boids".  
🌐 github.com/avramdj/artificial-life-boids
- **Minimal MLP C++ Library** (C++)  
Minimal fully connected neural network library for linear regression. 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