Avram Đorđević

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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

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

Skills

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

Tools & other: Git, Docker, Node.js, Flask, MongoDB, MySQL, Tensorflow, Heroku, Spring, ...

Experience

- **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, Mongodb, 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