Avram Đorđević

Belgrade, Serbia

☐ (+381)605250613   •   ✉ avramdjordjevic2@gmail.com
🌐 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, Haskell, Scala

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

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 FCNN C++ Library** (C++)

Minimal fully connected neural network library for regression and classification. 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