Avram Đorđević

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

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

Education

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

Skills

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

Know: Java, Typescript, Haskell, Scala, Prolog

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

Selected projects

- **MATF Scheduler** (Python/Flask, Web scraping)

  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 C++ library for creating fully connected feedforward neural networks. Inspired by Keras.

  🐙 github.com/avramdj/minimal-fcnn-library

- **GPT-3 Chatbot** (React, Node, Python/Flask, MongoDB)

  Online chatbot that remembers every users old conversations. Uses the OpenAI GPT-3 API.

  🐙 github.com/avramdj/gpt3-chat

- **Web watcher** (Python, MongoDB) (Selenium scraper, MySQL)

  Bot for a popular chat application that allows users 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