

Nikita Kulakov

☎ +7 924 330 6869  github.com/zubrailx  linkedin.com/in/nikita-kulakov ✉ nv1kulakov@gmail.com

EDUCATION

University ITMO

Bachelor of Informatics and Computer Engineering

June 2024

Current GPA: 3.93/4.00

RELEVANT COURSEWORK

Grades: Exclusively A's, completed courses

Courses: Functional Programming in Haskell (Part I, II), Mathematic Logic, Computer Vision, Image Processing, Machine Learning and Data Analysis, Applied Statistics, Embedded Systems, Digital Circuitry

SKILLS

Languages: C/C++, Python, Haskell, Java, Lua, Golang, Rust, Verilog, AMD64 Assembly, JavaScript, SQL, HTML/CSS, \LaTeX

Tools: Git/GitHub, Bash/Zsh, Makefile, CMake, Conan, Flex, Bison, gRPC, Protobuf, Node.js, PostgreSQL, MongoDB, Docker, CI/CD, Screen/Tmux, Vim, VS Code, Vivado IDE

PROJECTS

IoT World Simulation | C++, CMake, Conan, Python, gRPC, GTest, Protobuf, Bash, Docker, Git

May 2023

- ...
- ...
- ...
- ...

Interactive Buffer LRU | Verilog, Vivado IDE

April 2023

- ...
- ...
- ...

Academic Relational DB | C/C++, Bison, Flex, Boost, gRPC, GTest, Protobuf, Cmake, Bash, Git

January 2023

- ...
- ...
- ...

ALU CPU | Python, Coverage, Mypy, Pylint, CI/CD, Bash, Git

December 2022

- ...
- ...
- ...

EXPERIENCE

Tinkoff Invest Robot Contest | Backend Developer, DevOps

May 2022

- Developed a multi-user Java application that allows active user accounts to analyze quotes of traded stocks and buy them according to a specified algorithm at a given periodicity.
- Implemented Spring Security to secure user data API access keys and trading logs on user account.
- Configured Docker containers for frontend and backend deployment, added Nginx.

Ovision Hack Dev Track | Frontend Developer

April 2022

- Developed a one-page JavaScript web application using React and Effector that reads an image from a user's camera and sends it to a server.
- Added visualization of facial landmarks received from the server on top of the user's face.
- Implemented cropping of the original image using JS Tensorflow to reduce network and server load.