RUSLAN KISELEV

2ND YEAR STUDENT OF MIPT

CONTACTS

📞 +7 937 379 34 56

✉️ kiselev.ra@phystech.edu

✈️ @r0flan4k

github.com/R0flan4k

EDUCATION

2023 - 2027
MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGY

- Bachelor of Applied Mathematics and Physics in Department of Radio Engineering and Cybernetics
- GPA: 7.62 / 10

SKILLS

- Programming Languages:
  C, C++, Nasm
- Tools:
  CMake, Make, git, valgrind, callgrind, conan, bison, flex
- Other:
  LaTex, GraphViz

LANGUAGES

- English B1+

PROJECTS

- **ParaCL [github]**
  Implementation of ParaCL language front end and interpreter using bison parser and flex lexer.
- **Search Tree with range queries [github]**
  Program that builds self-balancing binary red-black search tree. It can contain keys and count the specified subsets of them.
- **Mandelbrot Set visualisation [github]**
  Educational implementation of Mandelbrot set visualisation improved with AVX instructions.
- **Triangles3D [github]**
  Program that recognizes intersection of triangles in 3-dimensional space using octree space separation.
- **Processor emulator [github]**
  Implementation of soft processor unit including assembly language, assembler and emulator.

EDUCATIONAL COURSES

- **Compiler technology and professional programming**
  course by Ilya Dedinsky
  Autumn semester, 2023

- **Introduction to computer architecture and assembler**
  course by Ilya Dedinsky
  Spring semester, 2024

- **Uses and applications of C++**
  course by Konstantin Vladimirov
  September, 2024 - Present

OTHER

Sphere of interest
- Compiler technologies
- Test generators
- Performance and memory profiling and optimization

Hobbies
- Volleyball libero
- Guitar fingerstyle
- Minecraft note block music creator