Anastasiya Kulevich

MIPT undergraduate
Bachelor of Applied Mathematics & Physics

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⌀ princess-oregano

PROFILE

- Second-year MIPT student
- Successfully finished Compiler Technology course
- Got excellent marks as a group leader of 4 students in Computer Science classes

SKILLS

- C/C++ · x86-64 Assembly · Python Make · Git · Linux · perf · LaTeX

- English · advanced
  Russian · native

- flexibility · conflict resolution problem-solving · leadership

EDUCATION

Bachelor of Applied Mathematics & Physics   2022 – 2026
MIPT – Department of Radio Engineering and Cybernetics

- GPA: 8.9/10.0
- GPA (Computer Science): 10.0/10.0

INTERESTS

- Processor Architecture
- Compiler Technology
- Data Management
- Operating Systems

MAIN PROJECTS

mipt_ipc (github.com/princess-oregano/mipt_ipc)
Tools: C, Make, POSIX   2023

- Inter-Process Communication course projects.

hashtable (github.com/princess-oregano/hashtable)
Tools: C, Make, perf, x86-64 Assembly, SIMD   2023

- Hashtable implementation with performance tests and optimization.

mandelbrot (github.com/princess-oregano/mandelbrot)
Tools: C, Make, perf, SIMD, SFML   2023

- Showcase of possible SIMD optimizations for Mandelbrot set generator.

processor (github.com/princess-oregano/processor)
Tools: C, Make   2022

- Virtual machine and assembler for custom assembly language.

ACHIEVEMENTS

2022   **2nd degree diploma**
       National Physics Olympiad

2022   **1st degree diploma**
       MIPT 'Phystech' Olympiad