



KOZLOV ALEKSANDR

Second year MIPT student

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Dolgoprudny, Russia

millicow

STRENGTHS

Self-Motivated

Learning agility

Responsible

Stress-resistant

Communicative

SKILLS

Programming languages:

C

C++

Other skills:

LaTeX

git

CMake

Make

graphviz

LANGUAGES

Russian: **native**

English: **B2**

EDUCATION

Moscow Institute of Physics and Technology | DREC

2021 – 2025

Dolgoprudny, Russia

- GPA: 8,96
- Maths subjects GPA: 9,57

STUDY EXPERIENCE

MIPT programming courses

2021 – 2022

Dolgoprudny, Russia

- C language course ILAB, Lecturer - Ilya Dedinsky

2022 – 2023

- C++ Basic course YLAB, Lecturer - Konstantin Vladimirov
- Simulation and compilers, Lecturer - Igor Petushkov
- LLVM course, Lecturer - Sergey Lisitsyn

PROJECTS

Intersection of triangles |

02 2023 – 03 2023

- 1 lvl: C++ program that intersects triangles using octree
- 2 lvl: Vulkan api - represent triangles in 3D space

RISC-V executor |

11 2022 – 12 2022

- RISC-V interpreter that can execute commands from elf file
- My LFU cache $O(1)$ was used to optimize instruction processing.

LLVM pass |

03 2023

- Program that collect LLVM instructions static and dynamic info and represent it in graph

Differentiator |

04 2022

- Program that differentiates an input function