

LOBANOV ALEKSANDR

LOW-LEVEL PROGRAMMER



CONTACT



Location

Dolgoprudny,
Russia



Phone

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Gmail

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PERSONAL



Date of Birth

28.04.2004



Citizenship

Russia

PLATFORMS



GitHub

lobanovam

LANGUAGES



Russian
Native



English
B2+

ABOUT ME

I first encountered real programming in the 10th grade at the Presidential Lyceum for Physics and Mathematics. As part of my year-long project, I created a simple 2d game using Unity/C#. In 11th grade I successfully completed a course on technical vision in C++ by Nikolai Polarny. In my first year of MIPT I joined Ilya Dedinsky's advanced group and successfully mastered the course "Introduction to Emulation of Computational Systems, Compiler Technologies, and Industrial Programming."

I have always been inspired by the idea of direct communication with "soulless hardware" and I want to further develop in this direction.

EDUCATION

Sept. 2022 - Aug. 2026

Moscow Institute of Physics and Technology
Moscow, Russia

Bachelor of Applied Mathematics and Physics
MIPT DREC
GPA: 8.93

Sept. 2020 - Aug. 2022

Presidential Lyceum of Physics and Maths
Saint-Petersburg, Russia

SELECTED PROJECTS

JIT-compiler

lobanovam/JIT-compiler
Final year project,
small jit-compiler implementation

Hash Table

lobanovam/HashTable
Hash table implementation,
hash functions research, optimization

Mandelbrot Set

lobanovam/mandelbrot
Drawing mandelbrot set via SFML,
SIMD optimizations

Alpha-Blending

lobanovam/alpha_blending
Implementation of alpha-blending algorithm,
SIMD optimizations

HOBBIES

Amateur soccer player, swimmer.

Graduated with honors in the class of classical guitar, winner of many prestigious competitions solo and as a member of the guitar orchestra.