

CONTACTS

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SKILLS

Languages:

Python, C, x86-64 Assembly, Java

Tools:

Jupyter, ML, Make, samtools, bedtools, IGV, igvtools, FastQC, bowtie2, hisat2, VSCode, callgrind, radare2, git, graphviz, LaTeX

Foreign languages:

English, Chinese

ACHIEVEMENTS

All-Russian Olympiad for Schoolchildren in Mathematics

Three-time winner of regional stage (2020 - 2022)

67th All-Russian Scientific Conference of MIPT

All-Siberian for Schoolchildren in Mathematics

Winner (2022)

BOGDAN SHELUDKO

MIPT student - Applied Mathematics & Physics

EDUCATION

Student of Physics & Mathematics Class
SESC NSU - Novosibirsk, Russia

2020 - 2022

EDUCATION

Bachelor of Applied Mathematics & Physics
MIPT, DREC - Moscow, Russia

2022 - 2026

MAIN PROJECTS

2023

C-like language compiler

Tool: C, Make, graphviz, x86-64 assembly, radare2

x86-64 compiler, which translates source written on my language to ELF-file.

Hash table optimization analytics

2023

Tool: C, Make, callgrind, x86-64 assembly

Hash table implementation with performance tests and optimization.

C-like language

2022-2023

Tool: C, Make, graphviz

JIT-compiler for own C-like language using my own virtual machine, which was written earlier.

INTERESTS

Computer vision, ML, ML research, mathematics, student activity

INTERNSHIPS

Cyberprotect, Jul - Aug 2023, working on DLP solution

BOOKS

The C Programming Language (B. Kernighan, D. Ritchie), Computer Systems: A Programmer's Perspective (R. Bryant, D. O'Hallaron)