

CONTACT

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SKILLS

Languages:

C, x86-64 Assembly, Java, Python

Tools:

Make, VSCode, callgrind, radare2, git, graphviz, LaTeX

Foreign languages:

English (B1)

ACHIEVEMENTS

All-Russian Olympiad for Schoolchildren in Mathematics

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

All-Siberian for Schoolchildren in Mathematics

Winner (2022)

BOGDAN SHELUDKO

MIPT student - Applied Mathematics & Physics

EDUCATION

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

2022 - 2026

MAIN PROJECTS

C-like language

Tool: C, Make, graphviz

2022-2023

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

Hash table optimization analytics

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

2023

Hash table implementation with performance tests and optimization.

C-like language compiler

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

2023

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

INTERESTS

Assembly reverse engineering, OSINT, compilers, low-level optimizations, computer architecture, student activity