CONTACT

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- ☎ +7 (926) 750-60-10
- ⚲ Moscow, Russia
- ⌂ Grodno, Belarus

SKILLS

Languages:

C, x86-64 Assembly, Python

Tools:

Make, VSCode, perf, radare2, LaTeX, git

Foreign languages:

English (Intermediate)

ACHIEVEMENTS

Belarus Physics Olimpiads

Two-time winner (2019, 2021)

High school physics competition preceding International Physics Olimpiad.

MIPT 'Phystech' olimpiad

1st degree diploma (2021)

SPbU physics olimpiad

1st degree diploma (2021)

ALEXANDER SIMANKOVICH

MIPT undergraduate - Applied Mathematics & Physics

OBJECTIVE

Inquisitive undergraduate of MIPT seeking for a position in development of reliable and efficient software. Eager to apply knowledge in practice, develop skills and communication through dedicated work on project improvements.

EDUCATION

Bachelor of Applied Mathematics & Physics   **2021 - 2025**
MIPT, DREC - Moscow, Russia

Average score: **9.6/10.0**.

- Analytic geometry and linear algebra — *finished*.
- Probability theory — *finished*.
- Mathematical analysis — *ongoing*.
- General physics — *ongoing*.

ASSIGNMENTS

Bellang   **2021-2022**
Tool: C, Make, Radare2, perf
Supervisor: Ilya Dedinskiy (ded@ded32.ru)

Compiler for custom 'Belarusian' language with cross-compilation and ELF x86-64 object files support.

Mandelbrot   **2022**
Tool: C, Qt, SIMD
Supervisor: Ilya Dedinskiy (ded@ded32.ru)

Mandelbrot set generator with AVX optimization.

Processor   **2021**
Tool: C, Make
Supervisor: Ilya Dedinskiy (ded@ded32.ru)

Virtual machine and assembler for custom assembly language.