

# Sheptyakov Artem

MIPT student of Department of Radio Engineering  
and Cybernetics 2022-2026.

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## EDUCATION

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**Moscow Institute of Physics and Technology** Moscow, Russia  
DREC, Applied Mathematics and Physics 2022 – 2026

- Ended the first year of the course of Dedinsky Ilya Rudolfovich.

## PROJECTS

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**JIT-compiler** 2023  
JIT-compiler for self-made assembler.

**Hash Table Optimizations** 2023  
Research of hash table optimization methods.

**SIMD Optimizations** 2023  
Research of optimization using SIMD.

**Printf** 2023  
Self-made printf on x86 assembly.

**Programming Language** 2022  
Self-made C-like programming language for self-made assembler.

## PERSONAL INFORMATION

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- Citizenship: Russian.

## SKILLS

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🔗 C · x86 Assembly

✂ Make · Git

🗣 English · B2

## ACHIEVEMENTS

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2022 **Physics Olympiad "Phystech"**  
The winner of the second degree

2022 **Maths Olympiad "Phystech"**  
The winner of the third degree

2022 **Physics Olympiad "Rosatom"**  
The winner of the second degree

2022 **Maths Olympiad "Rosatom"**  
The winner of the third degree

2022 **"Step into the future", Physics**  
The winner of the first degree

## OTHER INTERESTS

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- Sport: swimming, fitness.
- Student activity.