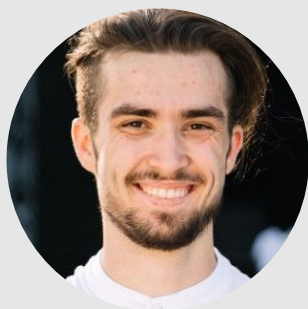# Danil **Gerasimenko**

MIPT student

--- **About me** ---

I'm a 2nd grade student of MIPT DREC (Department of Radio Engineering and Cybernetics).

--- **Strengths and Soft Skills** ---

Diplomacy   Creativity   Curiosity

Adaptability   Team Working   Patience

Stress-resistant   Sensible

--- **Professional Skills** ---

Programming Languages:

C (have a good practise)   C++ (in active learning)

Python (for auxiliary aims)

Graphical API:

Vulkan   SDL 2

Other Languages:

Markdown   Latex

Bash (using scripts in testing)

Application Skills:

Git   Cmake or Make

Linux (familiar with Linux shell)

--- **Contacts** ---

 BileyHarryCopter

 gerasimenko.dv@phystech.edu

 +7(991)-082-13-50

 Pervomayskaya st, 34/5 , Dolgoprudniy

--- **Languages** ---

 Russian - Native Knowledge

 English - Basic Language)

EDUCATION

2021-Ongoing	**Bachelor Degree** Dolgoprudniy *MIPT DREC* I finished follow courses: - Linear Algebra - Basic Course of Probability Theory and Combinatorics. My general courses now: - General Physics - Math Analysis - Differential Equations - Operation Systems - Microcontrollers - Methods for processing radio signals
2021-2022	**Compiler technology and professional programming** Dolgoprudniy *Ilya Dedinsky* Auxiliary course of C by Ilya Dedinsky.
2022-Ongoing	**Uses and Applications of C++** Dolgoprudniy *Vladimirov K.I.* Auxiliary course of C++ by Vladimirov K.I.
2022-Ongoing	**Introduction to embedded programming on STM32** Dolgoprudniy *Edgar Kaziakhmedov* Auxiliary course of STM32.

PROJECTS

C++ projects:

 LFUDA and Belady cache implementation

 RAII class of Matrices

 HW3D (Triangle collision detection)

C projects:

 Stack implementation

 Akinator - implementation of famous game using binary tree

 Differentiator - Implementation of differentiation machine using binary tree and recursive descent technology (elementary parcer)

 List (aka copy std::list)

 Hashmap (aka copy std::map)

 LFUDA cache implementation