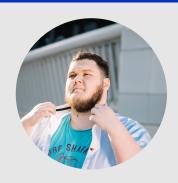# Sergey **Kuteinikov**

MIPT Student

About me

Second year student of MIPT DREC. My hometown is Volgograd. I like programming.

Born 04/12/2002, 20 y.o.

Contacts

- LegendaryHog
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- Pervomayskaya street 34/5 b 1 room 213 Dolgoprudniy, Russia

Languages

- Russian - native language
- English - Pre-Intermediate (A2)

Soft Skills and Strengths

Communicability   Diplomacy   Like to learn

Ability to understand   Adaptivity

Team working   Empathy   Problem solving

Other Interests

- Rock music 🎸
- Games 🎮
- History 👑
- Movies and serials 🎥

🎓 Education

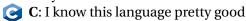| 2021-Ongoing	**Bachelor Degree** 📍 Dologroprudniy, Russia **Moscow Institute of Physics and Technology** *Department of Radio Engineering and Computer science*

I study programming, calculus, differential equations, theoretical mechanics, general physics, I finished linear algebra and analytical geometry courses.
Most of all I like programming, I like to see, how my own huge program work as intended. I finished **C** language course (back then it was called ILab) by Ilya Dedinsky, I passed all tasks on course, except last - Langugae, you can see all other tasks on my GitHub. At the moment I am studying on **C++** course yLab by K.I. Vladimirov, you can see my progress on my GitHub.

</> Programming

My core skills

I actively use this tools.
- **C**: I know this language pretty good
- **C++**: I actively practicing in programming in this language

My other skills

I use this tools as supporting.
Git   **Cmake**   **Python**   **Bash**   **LaTex**   **Markdown**

✳ My studying projects

C++ projects:

- LFU Cache with complexity of request O(1)
- Belady Cache with complexity of request O(log(cache.size))
- RAII class of Matrices
- RAII clas of RBTrees
- HW3D solution(Triangles collision detection)
- RAII class of Splay Tree (better hierarchy and inheritance solution than in RBTree)

C projects:

- Quadratic Equation Solution
- Onegin/Hamlet
- Stack
- Processor(Assembler)
- Array based list
- Queue
- Hash Table
- Binary tree based Akinator
- Calculator
- Differentiator