



Anton Petrin

C/C++ Developer



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2APetrin

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About me

- Faculty of Radiotechnics and Computer Technologies MIPT (2022 - 2026), (bachelor course, applied mathematics and physics), 2 year
- GPA - 8.74/10.0

Hard skills

1. C и C++ (learning)
2. Git
3. Linux
4. Make, Cmake
5. Flex, Bison
6. GoogleTest
7. UML
8. Graphviz
9. LaTeX
10. Python и Bash (for small side needs)

Foreign languages

- Russian - native
- English - B1+/B2

Additional IT Courses

08.2022 - 05.2023	Industrial programming (Language C) Tutor: I. Dedinsky	MIPT
09.2023 - 05.2024	Programming in C++, bachelor course Tutor: K. Vladimirov	MIPT
03.2024 - 05.2024	Algorithms and data structures Run by: VK	MIPT
03.2024 - 05.2024	Networks by Yadro Tutor: M. Klimanov	MIPT

Main projects

1. [ParaCL](#) (C++) - implementation of C-like programming language. Parser and Scanner were generated with GNU FLEX and BISON.
2. [MIPT_language](#) (C) - implementation of compiled programming language, which is executed on our own virtual processor.
3. [binary_search_tree](#) (C++) - implementation of balanced AVL tree, which has fast (logN) distance() operation.
4. [Matrix](#) (C++) - implementation of Matrix class with built-in matrix operations. The Gauss algorithm was implemented for calculating determinant.
5. [3d_triangles](#) (C++) - algorithm implementation of finding triangles intersections in 3d space.

My Study Motivation

At high school I realized that I am mostly interested not in specific subject, but in solving difficult technical problems. I participated in physics olympiads, won 1st and 2nd places in different competitions, which helped me with my admission to uni. At MIPT I started spending more time on programming and eventually made it my main subject of study. There are a lot of challenging practical tasks in programming that are really interesting for me, that really motivates me to study the material. At the moment, I am studying system programming, but I am completely open to studying other areas.

Additional information

Soft skills:

1. Hard-working
2. Discipline
3. Stress resilience and good time management
4. Fast getting along with others

Other:

- Hobby - sport (gym, cycling) - it helps me to relieve intellectual stress and stay focused and keep working hard.