Anton Petrin
C/C++ Developer

- 16 august 2004
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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

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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

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.