




Ilya Merochkin

 [tg](#)  [github](#)  ilya.merochkin@mail.ru

TECHNICAL SKILLS

Languages: C/C++, Golang, Python.

Technologies/Frameworks: Linux, Git, Github, LaTeX, CMake.

Databases: MySQL, PostgreSQL.

EDUCATION

Higher School of Economics

2021 – expected 2025

Bachelor - Software Engineering - GPA - 8.91

Moscow, Russia

EXPERIENCE

Yandex (Group of Antirobot development)

Dec 2021 – Jun 2022

C++ Developer Intern

Moscow, Russia


COURSEWORK / SKILLS

- Currently studying distributed systems.
- Data Structures & Algorithms (1 year course)
- C++ Course (multithreading, design patterns, smart pointers, oop)
- Computer architecture and operating systems Course (Assembly, C, sockets)

PROJECTS

RestAPI service  | [Golang](#), [PostgreSQL](#)

- A Rest API service that supports user registration, authorization, and authentication

Red-black tree  | [C++](#)

- Implementation of the data structure - red-black tree.

Sobel filter  | [C](#), [C++](#)

- Implementation of an algorithm that highlights contours in an image.

Smart pointers  | [C++](#)

- A simple implementation of such smart pointers as `shared_ptr` and `unique_ptr`.

OTHER ACHIEVEMENTS

- **Competitive programming:** Prize-winner of all-Siberian Olympiad in Informatics, Individual Olympiad in computer science, Open ITMO olympiad, all-Russian olympiad "Highest test" in Informatic and Regional school olympiad.
- **Teaching:** Taught at school 2005, prepared children for competitive programming. Conducted intensive training for the All-Russian Olympiad of schoolchildren among Moscow schoolchildren
- **Codeforces rating:** 1918.