

Kirill Grinko

Personal

Hard skills C++, Python, Algorithms and data structures, Git, CMake, Bash, Docker, Qt, Gitlab CI/CD, LaTeX, SQL

Soft skills Hard-working, Quick-learning, Organised, Outgoing and collaborative

Languages English (B2), Russian (native speaker)

Hobbies Calisthenics, skiing, piano, video games

Projects

Spring 2024 **Box with molecules**, *Github page (clickable)*, Used tools: C++, Qt, CMake
Simulation of ideal gas in enclosed space

Spring 2024 **Homework for II term of C++ course**, *Github page (clickable)*, Used tools: C++
Lots of problems solutions and data structures implementations

Fall 2023 **MBTI test**, *Github page (clickable)*, Used tools: Python, Qt, SQL
A program for completing Myers–Briggs personality test

Fall 2023 **Text editor**, *Github page (clickable)*, Used tools: Python
Simple internet browser text editor

Education

2023 – present **Moscow Institute of Physics and Technology**, *finished 1st year bachelor*,
Overall GPA 8.35/10, Programming courses GPA 8.43/10
Phystech School of applied Mathematics and Informatics

2019 – 2023 **Moscow State School 57**, *8-11 grade*, GPA 5/5
Focus on physics and math. Graduated with federal and Moscow gold medals

Courses taken

MIPT Algorithms and Data Structures; Analytical Geometry; Introduction to Calculus;
General Physics: Mechanics; Algebra of Logic, Combinatorics, Graph Theory; General Physics: Laboratory Practicum; Python Practicum; Programming in C++;
Linear Algebra; Multivariate Calculus, Integrals and Series; General Physics: Thermodynamics and Molecular Physics; Foundations of Higher Algebra and Coding Theory; Programming Technologies

Achievements

2022 – 2023 All-Russian Olympiad for schoolchildren in physics (Final stage participant, top 80); Phystech (MIPT) Olympiad in physics (Gold); Rosatom Olympiad in physics (Silver); Moscow Olympiad for schoolchildren in physics (Silver)

2021 – 2022 Rosatom Olympiad in physics and maths (Gold, Silver); All-Russian Olympiad for schoolchildren in physics (Regional stage prize winner); Phystech (MIPT) Olympiad in physics and maths (Silver, Silver)

- 2020 – 2021 All-Russian Olympiad for schoolchildren in physics (Regional stage prize winner); Moscow Olympiad for schoolchildren in physics (Silver)
- 2019 – 2020 International Experimental Physics Olympiad (Bronze); Moscow Olympiad for schoolchildren in physics (Silver)

Extracurricular activities

- 2019 – 2023 **Olympiad Physics Classes**
Theoretical and experimental training for advanced physics olympiads organised by Moscow city education ministry
- 2020 – 2022 **Yandex Lyceum**
Python coding classes for high school students. [More info \(clickable\)](#)
- 2021 **QuSoft Quantum Quest**
Web class for high school students about quantum computing created by Michael Walter and Māris Ozols. [More info \(clickable\)](#)