

Rasul Yunusov

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EDUCATION

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- **National Research ITMO University** St. Petersburg, Russia
Bachelor's degree in Computer Science Sept. 2019 - Aug. 2023
 - **GPA:** 4.5/5.0
 - **Moscow Workshops Juniors** Moscow, Russia
Competitive programming training camp Jan. 2019 - Feb. 2019
 - **GPA:** 4.7/5.0
 - **Ural Federal Workshops Juniors** Ekaterinburg, Russia
Competitive programming training camp Jan. 2018 - Feb. 2018
 - **GPA:** 5.0/5.0

PROJECTS

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- **Rubik's Cube Solver** St. Petersburg, Russia
C++ OpenGL STL May. 2020 - Jun. 2020

Created a console app with the use: "STL", "Math Rotation Functions" that takes colors of each 3x3 cube's cell from the input file, solves the Rubick's cube with the given parameters with the fewest possible number of steps, and prints all steps of the solution.
 - **Keyboard Layout Corrector** St. Petersburg, Russia
C++ Encoding STL Jul. 2020 - Sept. 2020

Created a console app that converts a keyboard input from English layout to Russian and vice versa; it is useful if the user forgot to change the keyboard layout before typing.
 - **Shell Scripts Checker** St. Petersburg, Russia
Bash Linux Sep. 2020 - Oct. 2020

Made a console app to automate testing of student's shell scripts like (Calculating), (Searching files) that saved about 10 minutes of teacher's time per task review.
 - **IniFiles Parser** St. Petersburg, Russia
C++ STL Bash Sep. 2020 - Oct. 2020

Wrote an algorithm for parsing *.ini* files and extracting the data into the hash-table for further processing.
 - **Data Checker** St. Petersburg, Russia
C++ STL Nov. 2019 - Dec. 2019

Created an app for checking given user's authorization data such as: email, password, first/second names, birthday date, etc.

ACHIEVEMENTS

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- 1st place** out of 112 teams as a part of a team in the programming contest at the MIPT Jan. 2019 - Feb. 2019
 - 8th place** in the 1/2 finals at the All-Russian Olympiad for high school students in Moscow Jan. 2019 - Feb. 2019
 - 5th place** out of 300+ participants in the individual programming contest at the MIPT Jan. 2019 - Feb. 2019
 - 1st place** out of 20+ teams as a part of team in the contest at the Ural Federal University Jan. 2018 - Feb. 2018

PROGRAMMING SKILLS

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- **Languages:** C++/C, Python Bash.
 - **Technologies:** SQL, Git, L^AT_EX.
 - **OS:** Windows, Linux(Ubuntu), FreeBSD, MacOS.
 - **Knowledge:** Algorithms and Data Structures, Linear Algebra.

LEADERSHIP

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- Started** the [Leetcode problems solving club](#) for improving coding interview skills.
 - Assisted** with organizing programming Olympiads at my University.