

MUKHAMETGALIN ARTUR

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EDUCATION

Bachelor of Applied Math and Computer Science

Moscow Institute of Physics and Technologies

2020-2024

GPA 4.5/5

EXPERIENCE

SWE Intern

Huawei Russian Research Institute, Math Modelling lab

Jul 2021 - Sep 2021

Russian Federation

- Developed a GUI for working with bugs in programs related to geometry
- Developed a translator from Gerber to JSON format
- Worked with wxWidgets and Qt libraries to develop GUI's for other programs

Teacher of programming and mathematics

Rocket class

Dec 2020 - Apr 2021

Russian Federation

- Taught competitive programming to schoolchildren and helped them solve problems

PROJECTS

C++ projects in MIPT Developed analogs of std::string, std::unordered_map, std::list, std::shared_ptr, std::weak_ptr. Developed BigInteger, Rational (with very big precision), Matrix (to work with templates) and Residue (to understand how to solve problems in compile-time) classes.

"Programmer simulator" Game on Python with console GUI

Telegram Bot Translator on Python Used translator's API to translate expressions from Russian to English and vice versa

SKILLS

Programming Languages	C++ (Advanced), Python
Technologies	Git, CMake, wxWidgets, Qt
Other Skills	Competitive Programming (2197 rating points on Codeforces)

SUCCESSES IN OLYMPIADS

- All-Russian olympiad in informatics - prize winner (2020)
- All-Russian team programming olympiad - third award
- University Olympiads: Moscow regional contest ACM ICPC - third award (2020)
First place among freshmans from MIPT
- Winner of many university's olympiads:
Technocup - third award
SpbU's olympiad in informatics - second award
ITMO's olympiad in informatics - first award
HSE's olympiad in informatics - second award
and etc.