

# MUKHAMETGALIN ARTUR

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## EDUCATION

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**Bachelor of Applied Math and Computer Science** Moscow Institute of Physics and Technologies 2020-2024

## EXPERIENCE

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### 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 programmes

## PROJECTS

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**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

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### Programming Languages

C++, Python

### Technologies

Git, CMake, wxWidgets, Qt

### Other Skills

Competitive Programming (**2198 rating points on Codeforces**)

## EXTRA-CURRICULAR ACTIVITIES

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- All-Russian olympiad in informatics - prize winner (2020)  
All-Russian team programming olympiad - third award  
winner of any programming university olympiads
- University Olympiads: Moscow regional contest ACM ICPC - third award  
first place among freshmans from MIPT.
- Sample bullet point.