

Asror Mirzoev

Github: [alliseeisgold](#)

Email : mirzoev.ash@phystech.edu

Mobile : +7 964 842 43 01

EDUCATION

- Moscow Institute of Physics and Technology** Moscow, Russia
Bachelor of Applied Mathematics and Computer Science *Sept. 2021 - Aug. 2025 (Present)*

EXPERIENCE

- Moscow Institute of Physics and Technology** Moscow, Russia
Assistant, "Data Base" course *Jan. 2024 - Present*

Relational DataBase PostgreSQL

 - Reviewing homework, improving test infrastructure and course.
- Moscow Institute of Physics and Technology** Moscow, Russia
Assistant, "Technologies of Programming" course *Jan. 2024 - Present*

C++ Java Docker CMake Git

 - Reviewing homework, improving test infrastructure and course.

PROJECTS

- Deque** Moscow, Russia

C++ Allocators

April 2023

Implemented Deque template class that supports move-semantics and allocators. It is the analog of `std::deque`. Modification operations work for **O(1) amortized** and access operators work for a **guaranteed O(1)**. Also implemented iterator for this container which is similar to **RandomAccessIterator**.
- LyricsBot** Moscow, Russia

Python BeautifulSoup pyTelegramBotAPI

May 2022

Developed telegram bot which works with two websites: musicmatch.com and azlyrics.com. It gets statistics and information from musicmatch.com using its **API** methods, and it parses azlyrics.com to get lyrics of a given music. It also can provide the information in **some languages**, except the music lyrics. It provides music lyrics in original. And also bot shows music lyrics, top charts of a given country and top tracks of a given singer.
- Math Expression Parser** Moscow, Russia

Java Core OOP

Nov 2023

Implemented a console application for parsing and calculating mathematical expressions. Used OOP principles to **reduce repeating**. **Enhanced the exception handling** to create a more user-friendly interface. Covered all main methods with unit tests. (**Test coverage is about 95%**)

ACHIEVEMENTS

- Republican Olympiad in Informatics - Silver medal** Dushanbe, Tajikistan
About 300 participants (**2nd place**) *May. 2020*
- Cup of the Academy of Sciences of Tajikistan - Gold medal** Dushanbe, Tajikistan
About 500 participants (**1st place**) *May. 2021*

PROGRAMMING SKILLS

- Languages:** C/C++, Java, Python
- Technologies:** SQL, Git, \LaTeX , Docker.
- Knowledge:** Algorithms, Data Structures, CAOS, Programming Technologies