Arthur Iuzeev

Saint Petersburg

📱 +79812182234 | ✉ yuzeev.artur@mail.ru | 🏠 t.me/IUZEEV | 🐱 github.com/Arturluzeev

Education

ITMO university   *Saint Petersburg, Russia*

Applied mathematics and computer science   *Sept 2021 - Current*

- average score in the last semester - 4.1/5.0

School   *Orenburg, Russia*

Private School Olymp   *Sept 2010 - June 2021*

- grade point average - 4.8/5.0

Projects

Intrusive-list   *SPB, Russia*

C++   *2024*

- My implementation of intrusive-list allowed me to grasp the concept of intrusiveness.
- Project repository <- Click here

Intrusive-pointer   *SPB, Russia*

C++   *2024*

- With my implementation of intrusive pointer, I applied the concept of intrusiveness not only to the list, but also to the pointer, and practiced the technology of memory-order.
- Project repository <- Click here

Shared-pointer   *SPB, Russia*

C++   *2024*

- Through my implementation of shared pointer, I gained an understanding of how sharedptr works internally and comprehended the reasons for preferring make-shared over the constructor and vice versa. This implementation adhered to the interface of the standard library.
- Project repository <- Click here

Code optimization using perf   *SPB, Russia*

C++   *2024*

- Through this project, I gained practical experience with perf.
- Project repository <- Click here

Creating a telegram bot   *SPB, Russia*

Kotlin   *2023 - 2024*

- In Kotlin, I developed a Telegram bot for a business project, which handles the company's product sales. I worked on both the frontend and backend of the bot. Unfortunately, this bot is still in use for the business project, so I cannot publish it, but I can demonstrate it privately. Additionally, in Kotlin, I delved into parallel programming by implementing lock-free queues and stacks.
- Project repository <- Click here

Website creation   *SPB, Russia*

Java   *2022-2024*

- In Java, I worked on various educational projects, such as writing parsers using ANTLR, and creating a counterpart of the website http://codeforces.com. For the latter, I utilized MariaDB and incorporated Spring Framework, Maven, and SQL.
- Project repository <- Click here
- Working with the parser repository <- Click here

Achievements

2015 - 2018 **Robotics**, I studied robotics for 3 years, (grade 5-7), and participated in various local robotics competitions   *Orenburg*

Skills Summary

Programming languages	C++, C, Java, Kotlin base, Python base, HTML/CSS base, JavaScript base, SQL base.
Developer Tools	Bash base, Perf, Git, CMake base, JUnit, Antlr
Soft skills	Openness to criticism, Creativity, Teamwork, Problem-solving, Communication
Languages	English - Level B1, Russian - Native proficiency