

Yurii Filatov

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EDUCATION

Higher School of Economics

St. Petersburg, Russia

Bachelor of Applied Mathematics and Computer Science

Class of 2026

GPA 7.41/10

Relevant courses: C++17, Algorithms and Data Structures, Linear Algebra and Geometry, Calculus, Discrete Mathematics, Computer Architecture, Functional Programming, Fundamentals and methodology of programming

SKILLS

Programming Languages: C++17, C, Assembly, Python, Bash, Haskell

Developer Tools: Git, Docker, MySQL, GDB, Qt Creator, Swagger, Protobuf

Frameworks: Boost, Doctest

EXPERIENCE

Yandex, Intern C++ developer | C++17, Java, Python, YQL, Docker, SaaS

Jul. 2023 – Sept. 2023

Organization directory development team

Moscow, Russia

- Developed the backend of the Altay service, added search attributes for feedback requests for organizations and corrected errors in the service.
- Developed a tool for recording protobufs from text format into dynamic service queues
- Developed a tool for testing changes in the feedback request moderator for organizations using historical data and uploading the result to a table
- Added the ability to re-index old feedback requests for new search attributes in a separate thread and moved the indexing processes to a separate thread

PROJECTS

C++ labs | C++, Boost, Cmake

Sep. 2022 – Jul. 2023

- All the written code is cross-platform and is tested on multiple compilers.
- Implementation of smart pointers.
- Unit Testing Framework based on macros.
- Various projects that have been written on topics such as Object-oriented programming, Smart pointers, Data structures, Dynamic shared libraries, Parsers, Error processing, Working with multithreading and networking

LaTeX code editor | C++, Qt Creator, Swagger, MongoDB

Feb. 2023 – Jul. 2023

- Modern editor for LaTeX. Convenient for new users, has a low barrier to entry.
- It has the ability to work together on one project
- Wide functionality: easy work with mathematical formulas, text highlighting and padding, pdf preview, document templates and others

COMPLETED EDUCATIONAL COURSES

Moscow Workshops Junior | *Courses in algorithmic programming and data structures*

Mar. 2022

Tinkoff Generation A' | *Courses in algorithmic programming and data structures*

Sep. 2021 - May 2022

MIPT Summer Olympic School | *Highest Parallel Learning in Algorithmic Programming*

Jul. 2021

Algorithms and data analysis in Sochi Sirius | *Advanced Courses in Algorithms and Data Analysis*

Dec. 2020

School of Olympiad training in Innopolis | *B Parallel Learning in Algorithms and Data Structures*

Jul. 2020

OTHER ACHIEVEMENTS

1/4 ICPC | *Ranked 22 out of 100*

Nov. 2022

1/4 ICPC | *Ranked 36 out of 100*

Nov. 2023

Olympiad of the Higher School of Economics in Informatics | *Second degree diploma*

Feb. 2022

Twenty Second Russia Team Open, High School Programming Contest | *Third degree diploma*

Dec. 2021

Moscow Open Olympiad for Schoolchildren in Informatics | *Third degree diploma*

Apr. 2022

ITMO Open Olympiad in Informatics | *Absolute Winner*

Mar. 2021