

DMITRY GALCHENKO

+7 (999) 038-70-91

dggrus@gmail.com ◇ [GitHub](#) ◇ [LeetCode](#) ◇ [Codeforces](#) ◇ [Telegram](#)

SKILLS

C++	C++17, STL, Template metaprogramming, Object-oriented programming, Multithreading
OS	Linux programming, OS & Computer design knowledge
Math	Calculus, Linear algebra, Differential equations
Algo	Graph algorithms, Binary search trees, Hash tables, Dynamic programming, Strings algorithms
Other	CMake, GoogleTest, Git, Bash, Python

EXPERIENCE

Intel Summer Internship	Since July 2021
Analysis of the possibility of including oneAPI Threading Building Blocks in the C ++ Standard Library.	

PROJECTS

std::variant

My own std::variant container implementation.	March 2021
Variadic templated constexpr-potential <i>union</i> wrapper.	

[Repository](#)

boost::bimap

My own boost::bimap container optimized implementation.	December 2020
Intrusive splay tree inside. Fast working. Consumes little memory.	

[Repository](#)

OLYMPIADS

Open olympiad for schoolchildren «Information Technologies» of ITMO University	2018
First degree winner	

[Diploma](#)

Olympiad for schoolchildren in computer science of St. Petersburg State University	2018
Second degree winner	

[Diploma](#)

EDUCATION

Bachelor of Computer Science, ITMO University	Expected 2023
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CERTIFICATES

C++ course advanced, Computer Science Center	March 2021
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[Diploma](#)

C++ course, Computer Science Center	August 2020
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[Diploma](#)

LANGUAGES

English Intermediate, Technical

Russian Native