

# DMITRY GALCHENKO

+7 (999) 038-70-91

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

## SKILLS

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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

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

## PROJECTS

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### 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

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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

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Bachelor of Computer Science, ITMO University	Expected 2023
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## CERTIFICATES

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C++ course advanced, Computer Science Center	March 2021
<a href="#">Diploma</a>	

C++ course, Computer Science Center	August 2020
<a href="#">Diploma</a>	

## LANGUAGES

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English	Intermediate, Technical
Russian	Native