

DMITRY GALCHENKO

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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	March 2021
My own std::variant container implementation.	
Variadic templated constexpr-potential <i>union</i> wrapper.	
Repository	
boost::bimap	December 2020
My own boost::bimap container optimized implementation.	
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 Applied Mathematics and Computer Science , ITMO University	Expected 2024
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CERTIFICATES

C++ Programming (advanced), Computer Science Center	March 2021
Diploma	
C++ Programming, Computer Science Center	August 2020
Diploma	

LANGUAGES

English	Intermediate, Technical
Russian	Native