

DMITRY GALCHENKO

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OBJECTIVE

Intern C++ developer.

EDUCATION

Bachelor of Computer Science, ITMO University

Expected 2023

SKILLS

C++ C++17, STL, Template metaprogramming, Object-oriented programming, Multithreading

OS Linux programming, OS 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 *union* 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

[Diploma](#)

Olympiad for schoolchildren of St. Petersburg State University

2018

Second degree

[Diploma](#)

CERTIFICATES

C++ course advanced, Computer Science Center

March 2021

[Diploma](#)

C++ course, Computer Science Center

August 2020

[Diploma](#)

LANGUAGES

English Pre-Intermediate, Technical

Russian Native