

# DMITRY GALCHENKO

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## OBJECTIVE

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Intern/Junior C++ developer.

## EDUCATION

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**Bachelor of Computer Science**, ITMO University

Expected 2023

## SKILLS

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**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

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### Intel Summer Internship

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 *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

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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](#)

## CERTIFICATES

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C++ course advanced, Computer Science Center

March 2021

[Diploma](#)

C++ course, Computer Science Center

August 2020

[Diploma](#)

## LANGUAGES

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**English** Pre-Intermediate, Technical

**Russian** Native