

Dmitry Galchenko

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OBJECTIVE

Intern/Junior C++ back-end developer seeking a full-time job.

EDUCATION

ITMO University
Computer Science

Saint Petersburg, Russian Federation
Second-year student

TECHNICAL SKILLS

C++: STL, WinAPI, OOP, RAII, SFINAE, Templates, Multithreading

Algorithms and data structures: Dynamic programming, Graph algorithms, Strings algorithms

Mathematics: Calculus, Linear algebra

Other: Git

SOFT SKILLS

Adaptability, Conflict resolution, Communication

PROJECTS

[boost::bimap implementation](#) C++

December 2020

- RAII idiom
- Adding, erasing, searching elements
- Fast iterators work
- Intrusive inner structure
- Optimized memory

[std::optional implementation](#) C++

December 2020

- Fully constexpr potential
- No dynamic allocations
- Optimized memory

[std::function implementation](#) C++

November 2020

- Type erasure pattern
- Small object optimization
- Empty constructible
- Assignable

[HTTP client](#) C++

March 2021

- WinAPI
- Multithreading

LANGUAGES

English: Pre-Intermediate

Russian: Native