

Dmitry Galchenko

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OBJECTIVE

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

EDUCATION

ITMO University

Bachelor of Computer Science

Saint Petersburg, Russian Federation

Expected 2023

TECHNICAL SKILLS

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

Algorithms and data structures: Dynamic programming, Graph algorithms, Strings algorithms, Binary search trees

Mathematics: Calculus, Linear algebra, Differential equations

Other: Git, CMake, GoogleTest

PROJECTS

HTTP client C++

March 2021

- WinAPI
- Multithreading

boost::bimap implementation C++

December 2020

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

std::optional implementation C++

December 2020

- Fully constexpr potentially
- No dynamic allocations

std::function implementation C++

November 2020

- Type erasure pattern
- Small object optimization
- Empty constructible

LANGUAGES

English: Pre-Intermediate

Russian: Native