Mikołaj Grzywacz

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Skills and Projects

Algorithmic problems

C++, STL

Solutions to algorithmic puzzles for my computer science classes. Tackled problems among others include graph, text algorithms and dynamic programming.

Turnstiles

C++11, concurrent programming

Implementation of Mutex class which serves as an *overlay for std::mutex* that allows to lower program's memory footprint with little overhead.

Elections

Basic PHP, SQL (postgres)

Basic application that simulates organizing and conducting elections using PSQL database (in Polish).

Modern C++

C++17

Series programs that embody elements of modern C++ such as templates, smart pointers, and functional programming.

Others

I also did other Projects including C projects focused on low level memory management. Java and Python school projects and C++ scrolling shooter game in SFML.

Education

Gdańsk Autonomous High School

2013-2015, 2016-2017, Gdańsk

Episcopal High School

2015-2016, Alexandria VA USA

I was there as a part of ASSIST scholarship that allows people from around the world to study for one year in one of US top independent schools.

Bachelor of Computer Science

2017-2020, Warsaw

Blue - hyperlinks