

DIMITROV BLAGOI

Student & C++ Backend Developer



About me

I am second-year student at ITMO University, Saint Petersburg, Russia.
Interned in two international companies: Wärtsilä and JetBrains.
Experienced in Competitive programming and teamwork.

English

B2 Cambridge FCE

Key Skills

1. OOP principles
2. Version Control System (Git)
3. Google-Protobuf
4. Google-Test (GTest library)
5. Low-level Computer Architecture
6. LaTeX, Markdown

Languages

1. C++
2. Python
3. Java
4. Assembler, Clojure
5. JavaScript, Prolog

My projects

1. Console utility for **Huffman encoder/decoder** in C++
2. **Advanced std::vector** : templates, exceptions and 'small-object' and 'copy-on-write' optimizations
3. **Big Integer** in Assembler and C++
4. **Markdown to HTML converter** in Java

Hobbies

Camping & hiking, Diving, Boxing

Timeline



2019 **Wärtsilä**

6 months Internship in International company. Vector-tile cartography in C++ and Python.



2019 **Computer Science Center**

Full-time evening Software Engineering, Data Science and Computer Science courses. Duration - 3 years.



2017 **JetBrains**

Summer internship.

Android development on Java. **JetBrains award for the best app-Roguelike** 



2017 **Summer Informatics School**

iOS Development. Application for tackling inner company's problems.

"Company's Request Manager"



2016 **All-russian forum**

Task from RosCosmos (Russian NASA). Developed and **implemented** satellite's stabilisation algorithm in pure C.



2014-2016 **Summer Informatics School**

Advanced algorithms & Data Structures in C++, Python

