DIMITROV BLAGOI
Student & C++ Software Developer

About me

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

Work Experience

2019 Wärtsilä 🔗

July 2019 - January 2020 : **6 month Internship at International company.**
I have implemented vector cartography in C++ and am now integrating it into a project to replace raster cartography.
Expected benefits: map will occupy 70% less memory space & load 2-3 times faster.
Technologies learned: *SCRUM, Vector cartography, Computational geometry, GProtobuf.*

2017 JetBrains 🔗

June 2017 : **3 weeks summer Internship** 🔗
Android development on Java. **Ranked #1 out of 20 on internship. JetBrains award for the best app**.

2017 Summer Informatic School

July 2017 : 3 weeks educational camp
Web Dev, B2B. App for tackling innternal company's problems: *Company's Request Manager.*
Frontend, page making: **HTML & CSS, Design.**

2016 Task from RosCosmos (Russian NASA)

July 2016 : 1 week on all-Russian forum: 'Birthplace of talents'
I **developed and implemented satellite's stabilisation algorithm** in pure C.

Education

2019 - 2022 Computer Science Center

Full-time evening **Software Engineering, Data Science & Computer Science** courses
Duration: 3 years, 20 hours per week

2014-2016 School of Informatics

3 years of extracurricular education
Advanced Algorithms and Data Structures in C++ & Python.

2014-2018 Physics-Maths School #239

Largest amount of winners of International olympiad within schools in Russia.

Personal Projects 🔗

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

Secondary Technologies

1. Low-level **Computer Architecture**,
2. Version Control System (Git)
3. Agile, Google-Test, MapBox, LaTeX, Markdown.

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