

Education

Applied Mathematics and Informatics

2020 - now Higher School of Economics Campus in St. Petersburg (Bachelor)

Technologies

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|--------------------|-----------------------|--------------|
| • C++ (11+) | • Git version control | • JavaScript |
| • CMake build tool | • Python | • React |
| • Bash | • Java | • CSS |

Completed courses

- Introduction to graph theory
- Combinatorics
- Introduction to discrete probability theory
- Calculus 1 (sequences, limits, derivatives, Taylor's polynomial and Taylor's formula, integrals)
- Algebra 1 (number theory, basics of group theory, polynomials, complex numbers)
- Introduction to Unix (mostly bash)
- Programming fundamentals (Python, Git)
- Algorithms and data structures 1 (dynamic programming, heaps, algorithms on graphs, complexity theory, greedy algorithms)

Current courses

- Mathematical logic
- Algebra 2 (group theory, advanced linear algebra)
- C++
- Calculus 2 (metric spaces, numeric and functional series)
- Algorithms and data structures 2 (BST, AVL, persistent data structures)

My projects

- Library for writing unit tests: [mytest](#)
- Implementation of smart pointers (`unique_ptr` and `shared_ptr`): [smart-pointers](#)
- Also I have course C++ team-project at university now. Here is what we already managed to achieve: [Co-work](#). My role in this project is development of asynchronous C++ server.