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Education

National Research University MAI, Moscow, Russia (Sep. 2019 – May 2023)

B.Sc. in Computer Science (Fundamental Informatics & Information Technologies)

Relevant courses: Fundamental Algorithms, Application Software, Operating systems & Computer architecture, Linear Algebra, Discrete Math, Calculus, Differential equations, Probability theory

GPA: 4.75 / 5

Internships & Projects & Achievements

- **AVSoft (Information Security)** | *Internship (Jul. 2021 - Present)*

Partly refactored an application core (visualized an outdated file processing system, removed unused parts of it, rewrote some C-style code to a modern C++ code, and formatted it accordingly to a team code style guide)

Improved a command-line arguments parser using Boost.ProgramOptions library

Implemented a trivial logger using Boost.Log library

Found an issue with the application GUI on the KDE Plasma desktop environment and reported it

- **Tax reports database with statistics** | *Coursework*

Created a fully functional console application for storing tax reports, statistics of it and a generator of the reports

Technologies used: C++, STL, self-implemented Red-Black tree

- **Client-server «Sea Battle» Game** | *Coursework*

Created a fully functional 2 player console game

Technologies used: C++, STL, UNIX Sockets

- **Competitive Programming** | *Achievements*

Participation in ICPC, 7 OpenCups, Codeforces contests

Completion of a competitive programming course in MAI (2 semesters)

Skills

Programming: C, C++, STL, Object-Oriented Programming, System Programming, Multithreaded Programming, Algorithms & Data Structures, C#, Python, SQL

Languages: English (Upper-Intermediate), Russian (Native)

Other: Linux, Git, TeX