Vladimir Turov

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Education

National Research University Higher School of Economics

Bachelor of Applied Mathematics and Computer Science

Russia, Saint-Petersburg Sep. 2020 – July 2024

Completed courses:

C++, Algorithms and Data Structures, UNIX, Linear Algebra and Geometry, Discrete Mathematics, Functional Programming, Formal Languages, Concepts of Management

Current relevant courses:

Java, Graph Theory, Computer Architecture and Operating Systems, Probability Theory and Mathematical Statistics, Algorithms in Modern Data Storage Systems, Financial Management

Projects

MyBasket: Shopping Assistant Application

3 participants Jan. 2021 - Jun. 2021

Cross-platform Desktop Application.

My Role: Backend, realization of controllers

Tools: C++, QT, nlohmann::json

GitHub: MyBasket.

Study Project: Vector

std::vector analog with strong exceptions guarantee. Feb. 2021

Tools: C++

GitHub: Private Repository

Study Project: Bank

Multithread Program for Message Exchange. Server and client implementations using boost::asio

May 2021

Tools: C++, boost::asio. **GitHub**: Private repository.

PDF Editor for Academic Purposes in Mathematics

Java program for editing PDF with mathematics tools' support

Feb. 2022 – Current Time

Tools: Java, Maven, JavaFx, jLatexmath and other open-source libraries

GitHub: pdf-editor.

Technical Skills

Languages: C/C++, Java, Python, Haskell

Tools: CMake, Java, Maven, CMake, Git, QT, Docker, ŁTEX, MarkDown, Bison

Professional Interests

Graph Algorithms: Graphs, Network Flow Algorithms

Languages

Russian English (B2)