

ALEXEY SHISHKIN

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EDUCATION

ITMO University

2018-2022

Bachelor's degree

Applied Mathematics and Computer Science

SKILLS

Java Maven, JUnit, Spring, FreeMarker

Python Numpy, Pandas, Scikit-learn

Extra Bash, Git, C++, MySQL

PROJECTS

Blog

Java

- An Internet service that allows users to create profiles, write posts, comment them. There are several roles with different permissions. All information is stored in the MySQL database by Hibernate. Service pages are generated using FreeMarker.

Search robot

Java

- A project for traversing a tree of web pages. It is possible to start parallel downloading and processing of sites to the specified depth. Timeouts and query limitations are customizable. To write multi-threaded code, the Concurrency Utilities package was used.

Bank

Java

- A banking application model with basic operations: registration, account creation, deposit, withdrawal. The client uses the RMI interface to communicate with the server.

Compress library

C++

- Implementation of data compression and decompression using the Huffman algorithm. There is a testing framework and a console utility for working with the library.

ACHIEVEMENTS

ICPC, quarter-final (2020)

33th place (23%)

ICPC, quarter-final (2019)

44th place (40%)

IOIP (2018)

69th place (21%)

All-Russian Olympiad of School Students, regional stage (2018)

1st place

All-Russian Olympiad of School Students, regional stage (2017)

1st place