MARGARITA YAGANOVA

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EDUCATION

ITMO University,
Bachelor of Computer Science. Expected 2025
GPA: 4/5.

TECHNICAL SKILLS

Languages:	Java, Python, C, C++, Bash.
Frameworks:	Flask, Django, Spring, Bottle.
Developer Tools:	Git, GitHub, Docker, CLion, PyCharm, IntelliJ.

PROJECTS

Console application with FTP server. July 2022
Java console application for working with student data.

- Developed a console application that accepts a student's login and password, executes user requests.
- Implemented database reading from a json file.
- Designed FTP server.
- The FTP server accepts the user's IP address, data transfer between the application and the server is configured.
- Build tests to test the application.
- Cross-platform is supported.

Converter Markdown to HTML. November 2021
Java converter from Markdown markup to HTML.

- A set of parsers has been developed that converts Markdown markup into HTML.
- Implemented support for text translation capabilities in various fonts and font size selection.
- The work with exceptions and errors has been carried out.

Game m,n,k. December 2021

- Build a mnk game in accordance with all the rules.
- A project consists of a set of classes interacting with each other.
- Developed the ability to change the size of the board.
- Designed to launch the game from the console.
- Optimized win check for O(nmk).
- Added handling of user input errors.

ACHIEVEMENT

All-Russian Olympiad of Physics and Technology: 3rd place. 6000 place out of 10000 participants

EXTRA-CURRICULAR ACTIVITIES

- Languages: Russian - native, English - B2.
- Skills: Programming, Mathematical logic, Discrete Mathematics, Linear Algebra, Mathematical Analysis.
- Volunteer ICPC Northern Eurasia Finals 2021: certificate.
- Volunteer, 100+ hours of work: volunteer book.