

ALINA ILYASSOVA



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Saint Petersburg, Russia

Education

2021-2025

ITMO University

Bachelor's degree

Information Technologies and Programming Faculty. Programming and Internet technologies. Information systems and technologies

About me

IT major. Transferred to full scholarship after the 1st year at the university due to good academic performance. I've participated in many mathematics olympiads and programming contests. Volunteered at mathematics and informatics olympiads and competitions for schoolchildren. In my spare time, I volunteer at my local animal shelters.

Projects

Programming technologies

OOP projects in Java. Spring Boot REST application with authorization and authentication (Spring Boot Security). Uses message broker (Kafka). Three-tier architecture, SOLID, GRASP.

Backup system

OOP project in C#. SOLID, GRASP, OOP patterns (Visitor and Composite). Creates single storage or split storage backups in memory or in the file system.

Laboratory works C/C++

Tasks in C and C++ from the university programming course. Rubik's cube solver with animation, parsers, compile-time programming, archiver, and others.

Applied mathematics projects

Applied mathematics projects in Python. Numerical methods of differentiation and integration, one-dimensional optimization methods, gradient descent, conjugate gradient method, direct and iterative methods for Linear Systems studied and described.

Languages

Russian	Native
English	C1
Swedish	B1
Kazakh	B2

Skills

- Java, C#, C/C++, Python
- Spring Boot, Gradle, JUnit, Kafka, Hibernate, OOP
- Microsoft Office, Git, SQL, Bash, Markdown
- Postman, Swagger, JetBrains IDE, SSMS