

LILIIA IMAMUTDINOVA

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EDUCATION

National Research University Higher School of Economics

St. Petersburg, Russia

BS in Applied Mathematics and Computer Science **GPA 8.6**

2021-2025

Relevant courses: Probability, Computer Architecture and Operating Systems, Algorithms and Data Structures, C++/Python/Java, Calculus, Functional Languages, Linear Algebra, Discrete Mathematics.

EXPERIENCE

Yandex Maps | *Data Analyst Intern*

Apr – Aug 2024

- Writing SQL scripts and creating datasets.
- Communication with customers, coordination of technical requirements.
- Creating regular expense reports for marketing.
- Creating dashboards.

PROJECTS

ChitChat | *C++17, Qt*

March – June 2022

ChitChat is an application, that allows people to visit virtual rooms, talk with friends via voice chat and play videogames, such as Arkanoid, Hangman, etc.

- Fully implemented the game model on the client
- Made UI of registration and authentication, the playing field, the drawing of game objects relative to the player, character selection.
- Added modification of game objects on the server, including the generation of the playing field and collision of objects and their renewal.

Units | *Java, Spring*

March-June 2023

UNITs is an application for conducting tests and quizzes, consisting of a Java-server and a web-client

- Creating controllers
- The implementation of sending personal emails
- Fully implemented UI

Finite State Machine Specification Language (Formal Languages mini-project) | *Python3*

October 2022

Creation of a language for describing Finite State Machine.

- Created concrete syntax.
- Implemented lexer and parser for the finite state machine description language using the ply library.

OTHER ACHIVEMENTS

Spectral:Technologies scholarship | *For high academic performance*

Summer School: ML&Text, Art Science | *Participant*

SKILLS

Programming languages: C++, Haskell, Python3, Bash, Java, SQL

Development tools: Git, Docker, Qt Creator, Spring Framework

Languages: Russian(Native), English(B2)