

PROGRAMMING SKILLS

- **Languages:** C++, C, Java, Python, Bash
- **Technologies:** SQL, Git, L^AT_EX, Docker, Linux, Liquibase, Spring.
- **Knowledge:** Algorithms, Data Structures, Concurrent Computing, Operating Systems, English B2
- **Soft skills:** Self-confidence, Communication, Emotional Intelligence, Responsibility

EDUCATION

- **Higher School of Economics** Moscow, Russia
Bachelor of Informatics and Computer engineering Sept. 2020 - June 2024 (Present)
 - **Paper:** Model for recognizing emotions in the human voice
- **42 School** Moscow, Russia
Low-Level Programming July. 2021 - Sept. 2025 (Present)

EXPERIENCE

- **Higher School of Economics** Moscow, Russia
Java SWE, project team Oct. 2021 - Dec. 2021
Researcher in Concurrent programming Feb. 2022 - Present

Java

Spring

C++

Operating Systems

Concurrent Programming

GPU architecture

 - Developing RESTful services, unit testing, writing documentation.
 - Research on acceleration methods in parallel computing, Parallelization of state machines

PROJECTS

- **Model for recognizing emotions in the human voice** [First year paper] Moscow, Russia

Python

Machine Learning

Keras

Wrote a model distinguishing human emotions in their voice using Python Keras. Was able to scrutinise a difficult theme in Machine Learning using advanced Math topics such as FFT, SVD, LU decomposition.
- **Registration API** Moscow, Russia

Java

Spring boot

Postman

Git

PostgreSQL

JUnit

Wrote Registration and Authorisation service using Java Spring with an ability to confirm an account through email. Service was tested with Mockito framework. Learned Spring framework for a short period of time
- **42 School projects** Moscow, Russia

C

Git

Linux

Concurrency

Operating Systems

Task Scheduling

Wrote many C Low-level projects: Simulating pipe command, implementing own printf, fractal simulator, philosophers problem, etc. Improved skills in writing clean code and debugging. Got serious understanding how UNIX systems work