

FEDOR KUDRIAVTSEV

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EDUCATION

National Research University Higher School of Economics
Bachelor of Science in Applied Mathematics and Computer Science

2020 - 2022; 2023-2025
Saint-Petersburg, Russia

Jacobs University of Bremen
Bachelor of Science in Computer Science

2022 - 2023
Bremen, Germany

- **Completed Relevant Courses:**

Computer Science: Algorithms and Data Structures, C++, Advanced Python, Haskell, Computer Architecture and Operating Systems, Java, Data storage structures

Maths: Abstract Algebra, Mathematical Logic, Formal Languages, Graph Theory, Calculus, Discrete Mathematics, Probability Theory

- **Current Relevant Courses:**

Computer Science: Machine Learning, Kotlin, Databases and web services, Computer Networks, Parallel programming

Maths: Mathematical Statistics

SKILLS

Programming Languages
Tools

C, C++, Java, Kotlin, Python, SQL, Haskell
Compose multiplatform, numpy, Make, CMake, Git, doctest, pytest, ply.yacc, ply.lex, Telegram API, , \LaTeX , HTML, CSS

Communication

English, Russian

EXPERIENCE

JetBrains
Intern

March 2023 - Aug 2023
Bremen, Germany

- Created LLVM-frontend for Lama language

MTS Digital

Intern in business process management department

May 2022 - Aug 2022
Saint-Petersburg, Russia

- Added a new type of internal document approval
- Was in the team for helping users of the internal document management system

PROJECTS

CodeTeam

A team game for a group of friends that tests reaction and communication.

Copies gameplay of famous game SpaceTeam. ([Link](#))

Stack: C++, Qt

Bank ledger with server

Console bank application with TCP-server

- Experienced in implementing concurrent algorithms and bringing parallelism to C++ projects
- Implemented thread-safe user transaction monitoring

Stack: C++, boost.asio

Fire and Water

Android clone of online browser game "Fire and Water"([Link](#))

Stack: Kotlin, Ktor