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## ALEXANDER FROLOV

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### EMPLOYMENT

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<b>Software Engineer Intern</b>	<b>Huawei Russian Research Institute</b>	<b>Oct. 2021 – now</b>
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- Working on developing cloud services for software developers.

### EDUCATION

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<b>Moscow, Russian Federation</b>	<b>Lomonosov Moscow State University</b>	<b>Sept. 2019 – now</b>
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- Third-term student of Computational Mathematics and Cybernetics faculty. GPA: 4.3.
- Studying at the department of Computing Systems and Automation. Advisor: Bahmurov A. G.

<b>Moscow, Russian Federation</b>	<b>AESC MSU</b>	<b>Sept. 2017 – July 2019</b>
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- Studied in Kolmogorov boarding school (department of Moscow State University), that is ranked top-1 high school in Russia (according to [RAEX](#) rating). GPA: 4.9.

### TECHNICAL EXPERIENCE

#### Personal Projects

- **teamvolikbot** (2022). Telegram bot for organizing and signing up for real-life volleyball games. Made for the local volleyball community (~60 people). Python, SQLite, Telegram API, PyCharm.
- **MGT** (2021). Web-server which solves a graph problem - finding the most vital node of the graph (performing special calculations with articulation points of a graph). C++, Docker, POSIX API (sockets), VIM.
- **Checkers** (2020). Checkers game with GUI and AI opponent made with alpha-beta pruning. C++, Qt, Qt Creator.
- **File Manager** (2020). A simple file manager that allows you to see all files in directories and open them with a suitable program. C++, Qt, POSIX API, Qt Creator.
- **Fractals** (2019). Application which draws fractals in GUI. Has the ability to zoom. Written in three different languages: Java (IntelliJ), C++ (Qt, multithreading, Qt Creator), C# (.NET, MSVS).
- **Snake** (2016). Classic snake game with automatically generated food, rocks and birds which can attack the snake. C, pseudographics, Eclipse.
- **2048** (2016) Classic 2048 game. C, pseudographics, Eclipse.

### LANGUAGES AND TECHNOLOGIES

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- **Languages:** Kotlin(Proficient); Python(Proficient); C/C++ (Proficient); Java (Prior Experience); C#.NET (Prior Experience); Unix shell scripting; Intel x86 assembly (NASM, GAS); MySQL; LaTeX.
  - **Platforms:** IntelliJ Idea; Eclipse; Qt Creator; PyCharm; VIM; CLion.
  - **Technologies:** multithreaded programming; network programming; POSIX API; Qt; Version Control Systems (Git).
  - **Native languages:** English (Advanced); Russian (Native).