



**Andrei**  
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(he/him)

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My name is Andrei Ilin, I am a student of **Bauman Moscow State Technical University**, currently working on my projects in **Formal Language Theory** and **Computer Graphics**

## EDUCATION

### Bachelor of Applied Mathematics and Information Science

GPA: 4.2/5.0

Bauman Moscow State Technical University 📍  
2018 — 2020 📅

### High school

GPA: 5.0/5.0

lyceum No40, Nizhny Novgorod 📍  
2020 — present 📅

## PROJECTS

### Formal Language Converter

Study project on Formal Language Theory. Processes regular expressions and finite automata and generates a step-by-step description of all transitions in LaTeX

● C++ ● LaTeX

[github.com/StarikTenger/Chipollino](https://github.com/StarikTenger/Chipollino) 📄

### Regular Language Problem

Determining if a formal grammar defines a regular language using some approximations. Written under the Formal Language Theory contest

● C++

[github.com/StarikTenger/RegularLanguageProblem](https://github.com/StarikTenger/RegularLanguageProblem) 📄

### Mimic Game

University project made during summer practice. Consists of two parts: the game itself and a level editor for it

● Typescript

[github.com/bmstu-iu9/ptp2021-6-2d-game](https://github.com/bmstu-iu9/ptp2021-6-2d-game) 📄

### Online Space Shooter

Game developed by the group of BMSTU and MIPT students. It is a 2d multiplayer space-shooter which takes all features of Newton mechanics such as linear and angular inertia

● C++ ● SFML ● Box2d

[github.com/StarikTenger/SpaceSodomy2](https://github.com/StarikTenger/SpaceSodomy2) 📄

## WORK EXPERIENCE

### Python backend developer

Worked on university contest platform during summer practice

📍 Moscow, Russia (remote)  
📅 Summer 2022

## SKILLS

### Programming languages

●●● C++	●●● Python
●●○ Haskell	●●○ JS
●○○ Java	●●○ Golang
●●○ C	●○○ Scheme
●○○ Assembly	

### Technologies

● Git ● OpenGL ● SQL

### Math

● Mathematical Analysis ● Linear Algebra  
● Analytic Geometry ● Formal Language Theory  
● Universal Algebra

## LANGUAGES

●●● English (C1) ●●● Russian (Native)  
●○○ French (Beginner)

## PERSONAL INTERESTS

🎸 Electric guitar 🎵 Composing music  
🎮 Game jams 🎨 Drawing