Eugene Stratilatov
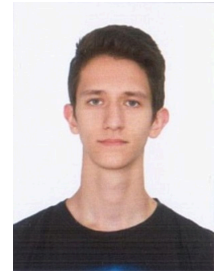
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Education

Bachelor's degree   09/2024 – present
MIPT   Dolgoprudny, Russia
   Faculty FRTK, Applied Mathematics and Physics, first year

Projects

Optimization of Mandelbrot set ↗

   The main goal of this project was to optimize rendering of the Mandelbrot Set using AVX
   intrincics, instruction reordering, and the *-02* flag GCC compiler. As a result, I have 12,5 FPS
   boost on AMD Ryzen 5 5500U.

My assemly printf realisation ↗

   In this project I implemented a little part of library function **printf**. My implementation supports
   following arguments:
   - %c - char symbol
   - %d - decimal
   - %u - unsigned
   - %b - binary
   - %s - string
   - %% - percent ASCII
   - %o - octal
   - %x - hex

Skills

Prorgramming   **Developer tools**
   C, Assembly x86-64   Make, SFML, markdown, graphviz, VS code

Languages

Russian   ●●●●●   English   ●●○○○

About me

I am really interested in programming. My main focus is *optimization.* I enjoy this process and have
feel satisfied when I see how my programm running faster. Also, I am interested in *game
development* and think I might want to become a game designer in the feature.
I also enjoy communicating with people and find it a great way to develop new skills. I believe I am
a cheerful person and I will easily fit into any team.