

# Denis Furyaev

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## Resume

### Contact and personal information

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Date of birth 21.06.2001

### Education

2018–current Higher: Moscow city, last year of bachelor's degree in MSU Faculty of Computational Mathematics and Cybernetics

2007–2018 Secondary: Dubna city, Lyceum №6

### Projects

C++ Model language interpreter. I learned a lot while working on this project, especially what lexical, syntactic and semantic analyzes are, and how do they work.

<https://github.com/DenisFuryaev/Model-Language-Interpreter>

C Interactive command interpreter (Unix Shell analogue).

<https://github.com/DenisFuryaev/MyShell>

C++ Interactive 3D scene with different computer graphics effects (normal mapping, planar reflection, cubemap reflection, shadow mappint, etc.) written on OpenGL API.

<https://github.com/DenisFuryaev/OpenGL>

C# Windows application with UI for detecting objects in parallel on multiple images. WPF is used for UI. YOLOv4 model is used for object detection.

[https://github.com/DenisFuryaev/401\\_furyaev](https://github.com/DenisFuryaev/401_furyaev)

### Skills

Programming languages:

C++, C#, C, Python

Tools:

Git, Unix shell,  $\text{\LaTeX}$ , Visual Studio, Jupyter Notebook

Personal:

Attention to details, responsibility, learning how things work

### Languages

English B1, Russian native