

ERMOLAEVA VARVARA DMITRIEVNA

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C/C++ developer

EDUCATION

Moscow Institute of Physics and Technologies, second year bachelor student

LANGUAGES: C, C++, Python

SOFTWARE/TOOLS: Cmake, Make, Git, Linux, lldb, VS code, vim, doxygen

LIBRARIES: OpenAL, SFML, Graphviz

ADDITIONAL SKILLS: English(B1), Russian(native), effective web searching, music encoding/decoding

KNOWLEDGE: Basic algorithms, data structures

PROJECT EXAMPLES and points of development

SIMPLE CPU (C) - Simple processor model. Pseudo assembler syntax with code generation, tokenization, assembly.

<https://github.com/tsatsulya/Proc>

MIRITH (C++, in progress) - algorithm for determining the correlation between two tracks, player, a system for organizing and storing / hashing files, the decoding of metadata of music files in various formats (mp3, flac, monkey,ogg, wav).

<https://github.com/alexpaniman/spotivar>

...And other projects from DED32 course (here are some interesting):

https://github.com/tsatsulya/Linked_list

https://github.com/tsatsulya/Stack_ver1

SPHERE OF INTERESTS: Optimization algorithms, compilers and formal language theory, backend development, DevOps