

Kirill Radkin

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EDUCATION

Radio engineering and computer technology
MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGY

Dolgoprudny | 2020-Now

SKILLS

Languages: C/C++, Python, Bash, Make/Cmake

Technology: Git, \LaTeX , Vulkan C++ API, Google Test, QBDI, Flex, Bison, Graphviz, Doxygen

Courses: MIPT-V: Computer Architecture, Algorithms and Data Structures, Intel iLab (advanced programming in C++)

Communication: Russian (native), English (B1-B2)

PROJECTS

AUGMENTATION OF TRAINING SAMPLE

PYTHON, BIG DATA, PANDAS, NUMPY, PYTORCH

Neural network trained on augmentation sample, which begins from 10 pictures. Network classifies pictures with numbers.

MATRIX

C++

Fast finding determinant of Matrix. Includes Google Test and Bash end-to-end tests.

GRAPH

C++, FLEX, BISON

Program checks is graph bipartite and "colors" vertexes. Flex and Bison is used to process input data and build graph from input data.

TRIANGLE

C++, VULKAN C++ API

Program finds intersection between triangles in 3D space. Vulkan API is used to draw triangles and colors intersections.

PARACL, TEAM PROJECT

C++, BISON, FLEX, GRAPHVIZ

C-like interpreted language. My task was creating an interpretator.

REFERENCES

Teacher Assistant (TA): Vladimirov Konstantin (konstantin.vladimirov@gmail.com)

PERSONAL QUALITIES

I enjoy Python and C++ programming. I'm just a beginner, but I want to learn more new features and upgrade my skills. I work well in team. During free time I like play basketball.