Romanov Alexander

Email   alex.rom23@mail.ru
Phone   +7 927 516 65 78
github   https://github.com/ajlekcahdp4

Education

Radio Engineering and Computer Science   2021–2025 *MIPT*

Learning experience

Industrial Programming (C language)   2021-2022
Lecturer: I.Dedinsky

C/asm language course   2021-2022
Lecturer: K.Vladimirov

Basic C++ course   2022-2023
Lecturer: K.Vladimirov

Technical skills

PROGRAMMING LANGUAGES	C++, C, PYTHON
OTHER	*Git, cmake, Linux, assembly*, LaTeX

Languages

Russian Native   **English** B2/C1

Projects

- **ParaCL interpreter** Interpreter of a custom languange that combines C and python features. Frontend implemented with Flex and Bison. Backend with custom opcode and virtual machine.

  Link: https://github.com/serjzimmerman/aslab-cpp-05-paracl

- **Triangles 3D** Visualisation of 3D triangles intersection using Vulkan C++ API

  Link: https://github.com/serjzimmerman/aslab-cpp-02-geometry-02-vulkan

- **Splay trees** Spaly tree data structure implementation in C++

  Link: https://github.com/ajlekcahdp4/splay-tree

- **graphs** Header-only C++ library with few graphs data structures implementations

  Link: https://github.com/ajlekcahdp4/graphs