

# Romanov Alexander

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## Strengths

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Discipline, Teamwork, Time management, Ability to concentrate, Ambitions, Communication skills.

## Education

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**Radio Engineering and Computer Science**  
*MIPT*

2021–2025

## Learning Experience

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**Industrial Programming (C language)**  
*Lecturer: I.Dedinsky*

2021-2022

**C/asm language course**  
*Lecturer: K.Vladimirov*

2021-2022

**Basic C++ course**  
*Lecturer: K.Vladimirov*

2022-2023

## Technical Skills

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PROGRAMMING LANGUAGES	C++, C, PYTHON
OTHER	Git, cmake, Linux, assembly, L <sup>A</sup> T <sub>E</sub> X

## Languages

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**Russian**   Native   **English**   B2/C1

## Projects

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- **ParaCL interpreter** Interpreter of a custom language that combines C and python features. Frontend implemented with Flex and Bison. Backend with custom opcode and virtual machine.  
<https://github.com/serjzimmerman/aslab-cpp-05-paracl>
- **Triangles 3D** Visualisation of 3D triangles intersection using Vulkan C++ API  
<https://github.com/serjzimmerman/aslab-cpp-02-geometry-02-vulkan>
- **Graphs** Header-only C++ library with few graphs data structures implementations  
<https://github.com/ajlekcahdp4/graphs>
- **Splay-Trees** C++ implementation of splay tree hierarchy  
<https://github.com/ajlekcahdp4/splay-tree>