

Roman Glaz

MIPT DREC STUDENT

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Education

MIPT (Moscow Institute of Physics and Technology)

UNDERGRADUATE

- DREC (Department of Radio Engineering and Cybernetics)
- Second-year undergraduate student
- Average point 9.4/10

Dolgoprudny, Russia

since Sep. 2020

Skills

Languages C, C++, x86-64 Assembly, RISC-V Assembly, Latex, Bash

Tools Cmake, Make, Linux API and Shell, Git, Profiling and testing tools

Knowledge CPU microarchitecture (pipelining, branch prediction, caches, ILP, out-of-order execution, TLP, SMT), basic understanding the structure of Linux OS, basic LLVM skills, basic FPGA programming skills, basic STM32 programming skills

Foreign languages English (B2)

Mathematical base Math analysis, Linear algebra, Differential equations, Theory of probability

Completed courses

Compiler technologies and professional programming

TEACHER – ILYA DEDINSKY

Completed

ISP RAS x Huawei

1 semester, 2020/2021

Introduction to Computer Architecture and Assembly Languages

TEACHER – ILYA DEDINSKY

ISP RAS x Huawei

2 semester, 2020/2021

Industrial C++ programming

TEACHER – ILYA DEDINSKY

Technotrack Mail.ru

2 semester, 2020/2021

Introduction to STM32 programming

TEACHER – ARSENIY POIDA

DMTT DREC MIPT

2 semester, 2020/2021

FPGA programming

TEACHER – EVGENY SHARAMED

DMTT DREC MIPT

2 semester, 2020/2021

Architecture of computing systems

TEACHER – KIRILL KOROLEV

ILab

3-4 semesters, 2021/2022

CPU and OS simulation tools (ongoing)

TEACHER – IGOR PETUSHKOV

Huawei

3-4 semesters, 2021/2022