



Software developer

 EverRester
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1. **MIPT** - third grade.
2. **9.4** - average mark.
3. **Table tennis** - member of main squad of MIPT's team.

API	Count
C/C++	100%
Clang/LLVM	85%
CM/OpenCL/DPC++	75%
Vulkan	15%

Intel	Undergrad technical intern July 2021 - April 2022 Part-time job (3 times per week) and learning in MIPT simultaneously. Performed platform checkers in CM, legalization VectorCompiler-Intrinsics, fixed bugs in VC-backend, helped customers from ISPC and DPC++ ESIMD teams.
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ILab-1	SFML Race game, where you can play with friend either one PC or network playmode. In this game you can create your own map and racing on it!	github: BuildAndRun
ILab-2	OpenCL/DPC++ Realization on GPU algorithms: bitonic sorting, searching for string's patterns and solving inner Dirichlet's problem. Also in SYCL folder I rewrote this using oneAPI DPC++ for education purposes.	github: ILab
Microncontroller	AVR Measuring distance on ATmega8535 using avr-gcc. We programmed Ultrasonic Sensor HC-SR04 and transferred data from MC to computer through UART - communication protocol.	github: Microcontroller
Intel	CM-frontend Created checkers for platform support to specific instructions. Correct llvm-based compiler for CM parser.	github: cm-compiler
Intel	Vector compiler backend Upgrade legalization, lowering passes. Fix issues concerned with wrregion/rdregion instructions.	github: IGC/VectorCompiler

English - Upper-Intermediate level graded.

- Playing **guitar/piano**.
- Training on section of **table tennis**.
- On summer time going **hiking** on mountains.