

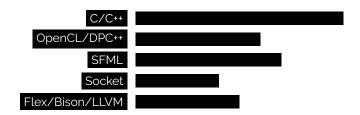




Software developer

MAIN INFORMATION

- 1. MIPT second grade:
- 2. **9.43** average mark
- 3. **ILab** finished $\mathbf{1}^{st}$ and $\mathbf{2}^{nd}$ grade courses
- Table tennis member of main squad of MIPT's team



PROJECTS

ILab-2 OpenCL/DPC++ github: ILab

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.

ILab-1 SFML github: BuildAndRun

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!

Microntroller AVR github: Microcontroller

Measuring distance on ATmega8535 using avr-gcc. We programmed Ultrasonic Sensor HC-SR04

and transferred data from MC to computer through UART - communication protocol.

Comp/tech Server github: Server

Server was developed on pure C. Has: pseudo-terminal support, TCP-UDP connection switch,

working in daemon mode, isolation of clients and many other features.

ILab-2 Flex/Bison/LLVM github: ILab

Realization of ParaCL language (folders Language and LLVM). Conditions and cycles were real-

ized. Compiling to LLVM IR is writing now.

LANGUAGES HOBBIES

English - finished Pre-Intermediate.

- Playing guitar/piano.
- Training on section of table tennis.
- · On summer time going hiking on mountains.
- Often go ice-skating and reading books on psychology.

WHY DO I WANT TO WORK FOR HUAWEI?

- 1. I want to get work experience during educational process.
- 2. Want to determine the direction of professional development look at different parts of creating a project
- 3. Applying the acquired knowledge in linear algebra, UNIX OS, compiling process.