

VIKTOR BALDIN

Software Engineer



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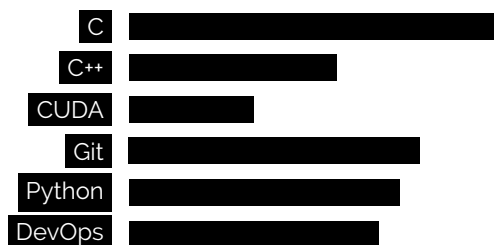


github.com/victorbaldin56

@victorbaldin56

ABOUT MYSELF

2nd-year MIPT student learning C++ programming. Especially interested in parallel computing and toolchain development (compilers, simulators, etc.). Mentor for Dedinsky I. R.'s C course for 1st-year students at MIPT.



EXPERIENCE

| | | |
|----------------|--|------------------------------|
| 2024 – present | C/C++ developer Improvements to the internal GPGPU simulator, benchmarking Refactoring of the automated testing system (CI) C++ / GPGPU / SIMT / Simulators / DevOps / Python | Baikal Electronics (AI team) |
| 2023 – 2024 | C/Assembly course (Dedinsky I. R.) Major projects: – Binary translator https://github.com/victorbaldin56/binary_translator – Aggressively optimized hash table https://github.com/victorbaldin56/hashmap – Fractal renderer sped up using SIMD instructions https://github.com/victorbaldin56/mandelbrot_fractal – DOS interruptions handling and hacking tasks https://github.com/victorbaldin56/dos-tasks – Mathematical functions differentiation program https://github.com/victorbaldin56/differentiator – CPU emulator with basic ISA https://github.com/victorbaldin56/processor C / Assembly / Make / Linux / OS / SIMD | MIPT |

EDUCATION

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|----------------|--|-------------|
| 2023 – present | Bachelor (Applied Mathematics and Physics) GPA: 6.9/10.0 | MIPT (DREC) |
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LANGUAGES

Russian - native
English - intermediate

HARD SKILLS

– C, C++, CUDA
– Assembly
– GPU SIMT programming
– Linux, Shell
– CI/CD (GitLab, Github), Docker
– Python

SOFT SKILLS

– Quick learning
– Communication skills
– Hard working
– Team working