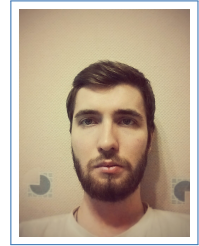


Vladislav Toigildin

Software Developer

Moscow, Russia
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Experience

- 06.2015 – **Software engineer, IBM, Moscow.**
03.2016 *Development of Linux driver (zfcp) for IBM z System (s390x) storage hardware.*
Worked in international team. Developed code for zfcp driver and internal perf tools. Did code review, performed test, developed and reviewed technical documentation. Main programming language: C
- 11.2013 – **Technician, Nuclear Safety Institute, Moscow.**
10.2014 *Development model of hydrodynamic process in liquids using CABARET scheme.*
Designed and implemented simple GUI with Qt. Configured development environment. Trained team basic of *nix and feature of HPC software development. Designed and implemented few features in project code (Fortran).

Education

- 2010 – 2015 **Master in Applied Mathematics and Computer Science, Lomonosov Moscow State University, Moscow, Faculty of Computational Mathematics and Cybernetics.**

Qualification: specialist in mathematics and system programming
Department of Supercomputers and Quantum Informatics
Specialization: high performance computing
Knowledges: Computer architecture and assembler language, Algorithms and Data structures, Parallel data processing, Operating systems, Databases, Mathematical analysis, Discrete mathematics, Numerical methods and others.
Master dissertation "Research and development of parallel algorithm for genome blurred repeats search"

Technical skills

Languages C, C++, Bash, Assembler, Perl(basic), Fortran(basic)
VCS Git
OS GNU/Linux, FreeBSD
HPC MPI, Cuda, OpenMP
Builder Make, Autotools
Others Qt(basic), Latex, Gnu plot

Publications

A.N. Pankratov, R.K. Tetuev, M.I. Pyatkov, V.P. Toigildin, N.N. Popova Spectral analytical method of recognition of inexact repeats in character sequences. – Proceedings of the Institute for System Programming Volume 27 (Issue 6). 2015 y. pp. 335-344. [Abstract](#)

V.P. Toigildin Research and development of parallel algorithm for genome blurred repeats search. – CUDA Almanac, 2015 February. – [p.12](#)

Awards

2014 **Fellowship of CUDA Center of Excellence MSU, Moscow.**
[Won a fellowships](#) for a significant acceleration of computing for my research using GPU.

Open Source Project

[mpiSBARS](#) Parallel program for recognition of extended inexact repeats in genome. I used MPI+CUDA model for scalability on heterogeneous computer system.

Additional information

Languages English(pre-intermediate), Russian(native)
Interests Improv theatre