

Matvey Larionov

Software developer

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Personal skills and competences

Languages **C/C++ (STL, Boost, C++11/14/17)**, Python and Javascript.

Platforms **Unix (Linux, macOS, FreeBSD), Windows.**

VCS **Git, svn, hg.**

Databases **MongoDB, LevelDB, SQLite, PostgreSQL.**

Experience

2013–Present **Senior software developer, Yandex, Moscow.**

Work at Yandex.Browser team.

- Development and maintaining of several components of browser. Very high quality of code was reached using high density of tests coverage (unit, integration, performance) and code review.

Technologies: C++, multi-threaded desktop applications(linux/mac/windows), WebKit

- Also developing clang-based tools for mass code refactoring, improving code quality and reducing efforts from other team members for merging upstream changes.

Technologies: C++, LLVM/clang

- Prototyped, implemented, maintained and reviewed extensions API.

Technologies: Javascript, HTML5, C++ and Python

- Moved to infrastructure team to improve internal processes: increasing time of master being "green", reduce build times, increase tests coverage and stability.

Technologies: Python, MongoDB, Unit testing, Continuous integration

- Now I'm developing open source project named "dist-clang". It is a tool for distributed (cross-)compilation to reduce build time.

Technologies: C++, LLVM/clang/libc++, LevelDB, SQLite, Protobuf

Patches to open sourced projects are very encouraged in Yandex, so during my work here I've made a dozen of patches to chromium and LLVM projects.

2012–2013 **Software developer, AST, Moscow.**

Developed utilities for collecting information from remote hosts.

Almost all of them were written from scratch using plain C and were cross-platform.

Technologies: C, C++, Boost, multi-threaded, network

2011–2012 **Software developer, Paragon Software, Moscow.**

Developed kernel subsystem of live handwritten text recognition software written in C++ for handheld devices.

Technologies: C++, ML

Education

2008–2014 **Master's degree**, *Moscow Technical University of Communications and Informatics, Engineer.*

Interests

Functional programming Time-to-time spend a weekend or two to hack around OCaml,Haskell and Erlang to see what it is about and how to use their knowledge in my day-to-day live and work.

Tennis Started playing tennis when I was 13 and spent about 6-8 hours a day for this beautiful game, can't stop doing this now. Though now I spend much less time playing tennis.