

Valerii Ovchinnikov

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EDUCATION *June 2013 Bachelor's Degree in Applied Physics and Mathematics*
Moscow Institute of Physics and Technologies
Topic of thesis: *Optimization of Control of Individual NV-center Qubit's Spin State*

Currently Attending Master's Program in Applied Physics and Mathematics
Moscow Institute of Physics and Technologies

June 2013, 2014 Auditor
Yandex School of Data Analysis

As an auditor I've covered algorithms, discrete math, C++ and Python, concurrent and distributed computations, big data algorithms (mostly external memory and streaming) courses

Currently Attending Professional Communication Translator/Interpreter

Moscow Institute of Physics and Technologies

Advanced English training aimed at improving translation and interpretation skills

WORK **22 March 2012 – Present: Software Engineer**

EXPERIENCE Company: NetCracker

Developing automation systems, integration with other systems, helping newcomers to adapt to company framework and doing some code review work and leading

PROFESSIONAL • **Java** – good knowledge of core language, JMM, experience in JEE
SKILLS

- **C++/Python** – mostly used for scientific computations and algorithms implementation
- **PL/SQL** – have developed several simple functions, more experienced in pure SQL
- **Git/SVN** – everyday usage at workplace
- **Linux** – desktop system for several years. Familiar with API
- **TCP/IP** – understanding of protocols packages structure
- **Algorithms and Data Structures** – time/memory complexity. Usage.

LANGUAGES English – fluent, Upper Intermediate (B2)

HOBBIES

Being good at Java I was invited to teach students in NetCracker educational centers in MSU and MIPT. So I've lectured some Java basics and I really enjoyed it.
I'm fond of Asian culture: tea ceremony, Taoism, Buddhism and of course martial arts.
So I've spent 2 years learning karate and now I'm trying myself at kinda russian judo – SAMBO

ADDITIONAL INFO

I took part in TagsCool project as an enterprise Java developer:
<http://www.tagscool.com/EasyTagWeb>
I've created tool that moves time in JVM without application redeploy.
It's very helpful for manual testing:
<https://github.com/krems/TimeShifter>
Please, check out my accounts at

- **github:** <https://github.com/krems>
- **stackoverflow:** <http://stackoverflow.com/users/1856342/krems>
- **linkedin:** <http://ru.linkedin.com/pub/valerii-ovchinnikov/93/205/143>
- **moikrug:** <http://ovchinnikovvaleriy7.moikrug.ru>

Some of the most helpful books for me:

- *SCJP Sun Certified Programmer for Java 6 Study Guide (Exam 310-065)*
Katherine Sierra, Bert Bates
- *Java Concurrency in Practice*
Brian Goetz, Tim Peierls, Joshua Bloch, Joseph Bowbeer, David Holmes, Doug Lea
- *Design Patterns: Elements of Reusable Object-Oriented Software*
Erich Gamma, Richard Helm, Ralph Johnson, John Vlissides
- *Introduction to Algorithms*
Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, Clifford Stein
- *Effective Java Programming Language Guide*
Joshua Bloch