

# Dmitry Spikhalskiy

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Moscow

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## OBJECTIVE

Looking for a position as a researcher and developer in ML, BigData and HighLoad spheres to utilize my skills and abilities in the Computer Science.

## EDUCATION

Lomonosov Moscow State University  
Faculty of Computational Mathematics and Cybernetics  
System Programming Department  
2007 – 2012

Mathematician – System Programmer

Basic CS training, experience in system programming with C.

GPA: 3.7 (4.7 in Russian system)

Term papers:

- Parallel PCRE Matching using Nvidia CUDA
- NoSQL systems review
- MapReduce and Parallel Databases usage for data analysis problems (publication in “Thesises of the best diploma papers of MSU CMC”)

HeadHunter, 2010-2011

HighLoad systems school

NetCracker, 2008

Java, JavaEE, enterprise developing training

## TECHNICAL EXPERIENCE

- Languages: Java, Python, R, ActionScript, C.
- Technologies: JavaEE related technologies and standards
- Multithreading, Data Bases, Formal Specification and Verification (Dafny from Microsoft Research, Frama-C, PVS)
- Developing enterprise systems and potentially highload systems
- **Certifications:**
  - Oracle Certified Java Programmer, 95%, 2011
  - HeadHunter HighLoad Systems school certificate, 2011
  - Algorithms: Design and Analysis, Part I, Stanford, Coursera, 2012
  - Algorithms: Design and Analysis, Part II, Stanford, Coursera, 2013
  - Machine Learning, Stanford, Coursera, 2012
  - Computing For Data Analysis (R), Johns Hopkins University, Coursera, 2012
  - Heterogeneous Parallel Programming, University of Illinois, Coursera, 2013
  - Functional Programming Principles in Scala, EPFL, Coursera, 2013
  - Cryptography I, Stanford, Coursera, 2014
  - Probability, Penn Engineering, 2015

## **PROFESSIONAL EXPERIENCE**

Senior Software Engineer / Contractor  
PulsePoint, February 2015 – present

Software Engineer

Odnoklassniki, November 2013 – February 2015

- Video search and ranking

- Automatic aggregation of serials using user video content

- Lead of Video Content ID project

Tech Lead / Lead Back-End Developer

iDa Mobile, April 2012 – October 2013

- Architect and Lead Back-End Developer for iDa Mobile Banking Platform.

- Tech Lead for Instabank (instabank.eu) - social bank project, has been developed from scratch. Production stage started in April 1, 2013.

Lead Developer

Mind Labs, July 2011 – April 2012

- Architecting and developing e.Mind.com SAAS social service, which is connected with videoconferences. Service API architecture.

- Stress volume testing of the server side.

- Leadership over the outsourcing group.

- Using: JavaEE stack for a server side, GWT for a client, Flash for media.

Developer

Tilbi, July 2010 – July 2011

- Building a startup in travel industry to make organization of business trips easier. Architect and develop web application using JavaEE/GWT stacks.

Software Engineer

NetCracker Technology, GUI department, September 2008 – July 2010

- Developing Vector graphics editor in Flex.

- Developing planning tools for commands interaction.

- Developing network structure visualization utilities.

- All these applications had tight integration with the full NetCracker Platform Infrastructure.

- Taught courses in the NetCracker education center in Lomonosov Moscow State University.

- Using: ActionScript, Java, Flex, JavaScript and related technologies.

## **INTERESTED IN**

Databases and data warehouses, high load systems, machine learning, NLP.

## **PERSONAL INFORMATION**

Age: 25 years

Marital Status: Single

Languages: Russian (native), English (Intermediate)

Interests: horse riding, tennis, board games