

# Vsevolod Kartashev

## Main information

Born: 1985, Moscow  
Nationality: Russian Federation

## Education

Higher education: Lomonosov Moscow State University, 2007, faculty of Computational Mathematics and Cybernetics.  
Qualification: system programmer, mathematician. Specialty: applied mathematics and computer science, specialization: mathematical physics.  
Ph.D. degree in 2010, specialty: software of computers, systems and computer networks. Dissertation: "Algorithms and software for probe microscopy systems".

## Languages

Fluent English, level C (speaking, reading, and writing).  
Technical English Language Interpreter diploma, 2006.  
English language school #1270, till 2000.

## Experience

**Muon**, for Kaspersky Lab (Web and software development and IT consulting; [muon.ru](http://muon.ru)),  
*Head of Group & Technical Consultant*, from May 2012 to present.  
Managing of the Kaspersky Lab marketing web sites content migration & functionality adaptation projects from Perl and Drupal legacy CMSes to SDL Tridion 2009 & 2013 and L3 web site support activities, total 20 different projects. Worked with my team onsite in Kaspersky Lab HQ office, Moscow and KL US office, MA. Was organizing meetings, demo sessions and other remote and personal communications between various groups (KL local offices) in Russia, France, Spain, Portugal, Germany, UK, USA, Colombia, Brazil. Automated the time sheet reporting which allowed spend less time for preparing the weekly reports. Automated the text translation requests using Tridion Web API, XSLT 1.0 & 2.0 and Office XML which let localization dept. work more effectively. Developed one internal KL web sites marketing monitoring & reporting framework which made possible to provide the web site stakeholders with reports about content on the sites. Introduced the client-side Kaspersky Lab web page rendering approach which has improved the load time in the browser, improved the turn-around time for web producers' SLA and eased carrying out MVT of product & landing pages for marketing analytics dept.

**Institute for Information Science and Security Technology** ([rsuh.ru/iintb](http://rsuh.ru/iintb)),

*Adjunct Professor*, from September 2008 to June 2012.

Was delivering lectures and giving seminars on probability theory, abstract algebra and other mathematics.

**Keldysh Institute for Applied Mathematics** (Mathematical modeling and theory of programming; [keldysh.ru](http://keldysh.ru)),  
*Staff Scientist*, from October 2007 to present.

Developing the semi-automated toolset for parallelizing, porting & verifying the single-threaded legacy code (C++, FORTRAN) to GPU using OpenCL / CUDA. Developing the job monitor routine for parallelization of the comprehensive physical calculations for the hybrid supercomputer (hundreds of CPUs & GPUs). Developing the image processing algorithms for the machine vision systems. Was developing the 3D modeling system of moving truck motion based on .NET Framework / OpenTK. Developed the scanning probe microscopy image processing extensible software based on OpenGL and relevant parallel software for calculations using C# / .NET Framework.

**Master-Expo** (Exhibitions),

*IT Project Executive*, from November 2010 to April 2011.

Ensured the implementation of a few digital signage systems and their CMS functionality expansion.

*Software Developer*, from June 2008 to November 2010.

Have developed and implemented the customer information financial database functioning by means of OpenOffice.org Calc / Base / Firebird SQL, involving the frontend and automated reports generation.

*IT Administrator*, from April 2006 to June 2008.

Have implemented HelpDesk application based on PcHelpWare which has reduced the response time from hours to the order of minutes and simplified the recovery.

Various contract job activities, from 2004 to 2008.

Have built and implemented the WMS / CRM system based on .NET Framework / ASP.NET / Mono web service / MySQL to manage the finances, procurement, supply and logistics of seeds which automates the planning and increases the speed of procurement and supply information transmission from regional offices to the central office of the customer. Performed various web site design & layout projects. Was maintaining the desktop PC & shared printer network configurations in SAP / Citrix environment. Was translating the technical and legal texts from English into Russian and vice versa.

"Project management" diploma, "IT Co.", 2007.

## Additional information

Microsoft IT Academy diplomas: Developing Microsoft ASP. NET Applications (2005); Developing XML Web Services Using Microsoft ASP. NET (2006); Programming with Microsoft ADO. NET (2006).

Areas of professional/scientific interest: web development, theory of programming, scanning probe microscopy, mathematical simulation in theoretical mechanics, robot control systems, Linux system programming.