

Pavel Kuzmin

Research Software Engineer
Project Engineer

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Skills:

Java, C/C++ (OpenCV, OpenGL), Web (JavaScript, HTML, CSS, PHP, Ruby on Rails), Scala
Prototyping, Data analysis, Brainstorming
Art & Sketching

Education:

SPbSTU, Faculty of Technical Cybernetics (2008-2010)
Coursera: AI class, HCI class, Synapses Neurons and Brains class
Autodidacticism

Interests:

Human-computer interaction, Neuroscience, Engineering
Travel, Collect music, Snowboarding, Bicycling
Problem solving (core skill)

Projects:

edtag.io - something between history and bookmarks. Education tool to organise your links flow. Auto categorisation and one click save links (prototype)

[vox](#) - public assistant and the system of street advertising and navigation. Augmented reality and computer vision (concept & part prototype)

Experience:

Digital Security, ERPScan: Team Lead - Code analysis tool (February 2013 - August 2014)
Code analysis tool for search vulnerabilities in programs (Abap, Java, JavaScript)
R&D (text mining, static and dynamic program analysis)
Product design

Digital Security: (September 2011 - February 2013)

Algorithms for search vulnerabilities in ERP systems (SAP, PeopleSoft, 1C)
Solve difficult and complex problems. My code works around the world.
Understanding of the problems within companies.

Digital Entertainment: (January 2011 - September 2011)

Server-side (Java), highload, gamedesign, management.
Almost started a game created by me.

Panoramik: (August 2010 - January 2011)

Server-side (PHP), gamedev, highload, billing, gamedesign.
Responsibility for production. Expanding the role of programmer.

YELA startup: (May 2010 - July 2010)

Server-side (Java), gamedev.
Even tough guys can do everything wrong.

IMPS startup: (December 2009 - June 2010)

Server-side (Java), gamedev.
First serious programmer job, raised Java skill.

Meridian: (December 2007 - April 2008)

Server support (FreeBSD), support office (30 computers, Linux/Win).
Understand how servers and LAN work.

Avrora: (November 2006 - April 2007)

Computers assembly, support office (15 computers, Linux).
First serious job.

Other technologies:

Ant, Maven, Gradle

[JWH](#), jQuery, Play Framework, Vaadin, Spring

SQL, JSON, XML, XPath, REST API, AJAX

Git, SVN

ANTLR

Tomcat

JSP, Servlets

JDBC, Hibernate

PostgreSQL, MySQL, Oracle, Neo4j

Linux, FreeBSD