

# Yuri Bochkarev *May 24, 1988*

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## Summary

1994 – 2003: finished school (external studies). 2003 – 2009: got bachelor's and master's degrees in Ulyanovsk Technical State University. I work in Moscow since 2009.

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## Experience

<b>IPONWEB</b> – media trading platform (RTB, Ad exchange, DSP, SSP)	Moscow
<b>Senior Software Developer (Technology)</b>	<i>May 2016 – present</i>
• Backend implementation of campaign visualization and forecasting service (Python, Django, Numpy, Scipy, Pandas)	
<b>Software Developer (Technology)</b>	<i>July 2014 – May 2016</i>
• Backend implementation of campaign visualization and forecasting service (Python, Django, Numpy, Scipy, Pandas)	
• Participation in development of budget control server for advertising campaigns (Python, Twisted, Numpy, Pandas)	
<b>Software Developer (R&amp;D)</b>	<i>January 2013 – July 2014</i>
• Support, development, and architecture refactoring of data delivery service (Python, BASH, Django)	
<b>SmartLabs</b> – interactive digital television (IPTV, DVB, OTT TV)	Moscow
<b>System Department Developer</b>	<i>September 2009 – January 2013</i>
• Development of video content viewing redirector (C++, Qt)	
• Development of video content distribution automation tool (C++, Qt)	
• Integration of automation tool with existing platform	
• Participation in SmartMedia platform video server development (C++, Qt, STL, live555)	
• Implementation of adaptive streaming client (C++, Qt, Apple HTTP Streaming)	
• Development of platform components build automation tool (Python)	
• Participation in adaptive streaming server development (Python, Twisted)	
• Accompanying protocols: HTTP, XML RPC, SOAP, RTSP	
<b>Autoscan</b>	Ulyanovsk
<b>Software Developer</b>	<i>September 2007 – May 2009</i>
• Development of network applications for real-time video transmission (C++, Qt, OPAL, libjingle)	
• Automation of application's testing (AutoIt, Erlang)	
• Accompanying protocols: XMPP, SIP, RTP, STUN	
<b>Ulyanovsk State Technical University</b>	Ulyanovsk
<b>Technician</b>	<i>September 2006 – September 2007</i>
• Computer class administration (11 computers, ASP Linux 9.0, Microsoft Windows 2003)	
• Class video surveillance organization	
• Technical Support & user consultation	

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## Education

<b>Ulyanovsk State Technical University</b>	Ulyanovsk
<b>Master's degree</b> , Faculty of Information Systems & Technologies, diploma VMA 0105774	<i>2007 – 2009</i>
<b>Bachelor's degree</b> , Faculty of Information Systems & Technologies, diploma AVB 0512119	<i>2003 – 2007</i>

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## Additional Education

<b>Information Technology Alliance</b>		<b>coursera.org</b>	
Clojure Course	<i>April 2013</i>	Machine Learning: Classification	<i>April 2016</i>
		Game Theory (HSE)	<i>March 2016</i>
<b>udacity.com</b>		Machine Learning: Regression	<i>February 2016</i>
Programming a Robotic Car	<i>April 2012</i>	ML Foundations: A Case Study Approach	<i>February 2016</i>
Artificial Intelligence	<i>December 2011</i>	Cloud Computing Applications	<i>October 2015</i>
<b>coursera.org</b>		Image and Video Processing	<i>March 2015</i>
Computing for Data Analysis	<i>October 2012</i>	Algorithmic Thinking	<i>November 2014</i>
Algorithms: Design and Analysis, Part I	<i>April 2012</i>	Cryptography, Part I	<i>June 2014</i>
Machine Learning	<i>December 2011</i>	Write Like Mozart	<i>March 2014</i>
		Discrete Optimization	<i>August 2013</i>
		Functional Programming Principles in Scala	<i>December 2012</i>

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## Skills

**Technical** OS: GNU/Linux (since 2009), Windows (2001 – 2009). Programming Languages: Python, C++. Moderately experienced as well in: Go, Haskell, Clojure, R, Scala, Erlang, Lua, AutoIt, Java, Octave, x86 assembler. VCS: hg, git, svn. Technologies: Unit Testing, Design Patterns, UML. Frameworks: moderate experience with Twisted, Pyramid, Django.

**Language** Russian (*native*), English (*upper intermediate*).