

Yuri Bochkarev *May 24, 1988*

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Moscow • Russia

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.

Experience

[IPONWEB](#) – media trading platform (RTB, Ad exchange, DSP, SSP)

Moscow

R&D Department Developer

January 2013 – present

- Support and architecture refactoring of data delivery service (Python, BASH, Django)
- Backend implementation of data visualization service (Python, Django)
- Participation in development of budget control server for advertising campaigns (Python, Twisted, Pandas)

[SmartLabs](#) – interactive digital television (IPTV, DVB, OTT TV)

Moscow

System Department Developer

September 2009 – January 2013

- 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

[Autoscan](#)

Ulyanovsk

Developer

September 2007 – May 2009

- 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

[Ulyanovsk State Technical University](#)

Ulyanovsk

Technician

September 2006 – September 2007

- 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

[Ulyanovsk State Technical University](#)

Ulyanovsk

Master's degree, Faculty of Information Systems & Technologies, diploma VMA 0105774

2007 – 2009

Bachelor's degree, Faculty of Information Systems & Technologies, diploma AVB 0512119

2003 – 2007

Additional Education

[Information Technology Alliance](#)

[coursera.org](#)

Clojure Course

April 2013

ML Foundations: A Case Study Approach

Feb 2016

[udacity.com](#)

Cloud Computing Applications

Oct 2015

Programming a Robotic Car

April 2012

Image and Video Processing

March 2015

Artificial Intelligence

December 2011

Algorithmic Thinking

November 2014

Cryptography, Part I

June 2014

Write Like Mozart

March 2014

Discrete Optimization

August 2013

Functional Programming Principles in Scala

December 2012

Computing for Data Analysis

October 2012

Algorithms: Design and Analysis, Part I

April 2012

Machine Learning

December 2011

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 (*intermediate; fluent reading of technical documentation, technical writing*).