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 architechture 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

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
  Clojure Course   *April 2013*
udacity.com
  Programming a Robotic Car   *April 2012*
  Artificial Intelligence   *December 2011*
coursera.org
  Computing for Data Analysis   *October 2012*
  Algorithms: Design and Analysis, Part I   *April 2012*
  Machine Learning   *December 2011*

coursera.org
  ML Foundations: A Case Study Approach   *Feb 2016*
  Cloud Computing Applications   *Oct 2015*
  Image and Video Processing   *March 2015*
  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*

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)*.