

# Yuri Bochkarev *May 24, 1988*

[baltazar.bz@gmail.com](mailto:baltazar.bz@gmail.com) • +79853037426 • [linkedin](#) • [bitbucket](#) • [github](#) • [github pages](#) • [blogspot](#)  
Moscow • Russia

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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

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

### R&D Department Developer

*January 2013 – present*

- Support and architecture refactoring of the data delivery system (Python, BASH, Django)

[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*

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## Additional Education

[Information Technology Alliance](#)

[coursera.org](#)

### Clojure Course

*April 2013*

### Cryptography, Part I

*June 2014*

[udacity.com](#)

### Write Like Mozart

*March 2014*

**Programming a Robotic Car** *April 2012*

### Discrete Optimization

*August 2013*

**Artificial Intelligence** *December 2011*

### 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*

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## Skills

**Technical** OS: GNU/Linux (since 2009), Windows (2001 – 2009). Programming Languages: Python, C++. Moderately experienced as well in: 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*).