

## Ivan Ivanov

### Contact information

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### Education

**2005-2009**

Nizhny Novgorod State University, Computer Systems Software department, Bachelor's degree in Computer and Automated Systems Software

**2009-2011**

Nizhny Novgorod State University, Computer Systems Software department, Master's degree in Computer and Automated Systems Software

Final qualification work "Software system development for creating 3D object models based on video images»

**2011- current**

Nizhny Novgorod State University, Computer Systems Software department, PhD student in Computer Science

### Work Experience

**2008-2009**

**YYY Lab**

#### **C++ developer**

- Algorithms development within BRDF reconstruction systems
- Algorithms research for image-based reconstruction, camera and light calibration.

**2009-2011**

**ZZZ Company**

#### **Software Developer**

- Development of components for online photo editing platform
- Development of client-server applications for social networks (designing GUI on Flash platform; developing server-side part of applications using PHP)

### Languages

Technical English

### Certificates and Awards

- "High Performance Calculations in scientific, applied and numerical modeling" summer school certificate, Moscow, August, 2010.
- Microsoft Imagine Cup competition winner (2011, 3<sup>nd</sup> place worldwide)

### Professional Skills

- *Programming:* C/C++, Assembly languages, MATLAB, Pascal.
- *Web-programming:* PHP, MySQL, HTML, CSS, JavaScript, AJAX, ActionScript (Adobe Flash).
- *3D-graphics:* OpenGL, shading models.
- *Operating systems and programming systems:* Microsoft Windows family, MS Visual Studio, UNIX/Linux family.
- *Software engineering:* UML, Rational Rose.

**References are available upon request**