

Vladimir Zaytsev

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Institute of Applied Mathematics,
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Biographical Data

Born on February 5, 1991, Donetsk, USSR.
Citizenship: Russia.

Education

Ugra State University, Khanty-Mansiysk, Russia
B.S., Computer Science and Engineering, 2008–present (GPA: 5.0/5.0)
Expected graduation date: June, 2012

Career and Research Interests

Algorithms and Data Structures, Information Retrieval, Machine Learning,
Software Engineering, Functional Programming, Large Information Systems

Internships

Ugra Research Institute of Information Technologies 2009–2011. Mentor: Lyudmila Alsynbaeva.

Projects

More detailed information about my projects can be found here: <http://zvm.me/projects.html>

Current projects

- Event Flows (2011) - web service for creating user events, widgets and getting statistics (Erlang, JavaScript)
- E2C (2010-2011) - an experimental web-platform for education-consumer networks (Erlang, JavaScript), source code: <https://github.com/zaycev/e2c>
- rfc4627c (2011) - fast JSON encoder/decoder written in ANSI C working with Erlang via NIF (C, Erlang), source code: <https://github.com/zaycev/rfc4627c>

Other projects

- TGS (2009-2010) - applications for facts extracting from Job Description texts (web: Erlang, Python, desktop: C# and C++)
- Untitled Game (2008-2009) - "Diablo" clone (C/C++, DirectX)

- Iverty(2007-2008, before university) - simple "Geometry Wars" clone game, created by me before university (Flash), http://vk.com/app157172_7049085

Awards and Grants

- International Scientific Students Conference (ISSC), second degree diploma, 2011
- The Best Student Scientific Research Work Award by Salym Petroleum Development, 2010
- Student Research Conference at the Ugra State University, first degree diploma, 2010
- International Scientific Students Conference (ISSC), third degree diploma, 2010
- Second Youth Competition of IT-Projects in Khanty-Mansiysk District, first degree diploma, 2009

Student schools

- 9th Estonian Summer School on Computer and Systems Science, August 2010
- EF Malta. International Language Schools, July 2007

Computer Skills

Programming Languages

- C/C++
- Erlang/OTP
- Python
- C#
- JavaScript, jQuery, ExtJS
- bash
- Scheme
- Matlab

Other Languages

- HTML5 and CSS3
- \LaTeX
- SQL
- XML
- JSON
- UML

Operating Systems

- Linux
- Mac OS X
- Windows

Software

- Web-Servers: mochiweb, yaws, inets
- DBMS: PostgreSQL, Redis, BerkeleyDB, Mnesia
- Development Environment: Emacs, Textmate, vi, Eclipse, Microsoft Visual Studio
- Other: bash, Xapian, ImageMagic, antiword

Communication

- Russian (native)
- English (communication, reading and writing technical documentation)

References

- Lyudmila Alsynbaeva, Ugra Research Institute of Information Technologies, alg@uriit.ru