Vladimir Zaytsev

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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

Additional Education

University of California, Berkeley, USA
Summer Session Student, June – August 2011

- stat 135: Concepts of Statistics

- stat 132: Practical Machine Learning. Final project: http://zvm.me/files/farseer.pdf

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. Advisor: Lyudmila Alsynbaeva.

Student Schools

- 9th Estonian Summer School on Computer and Systems Science, August 2010

- EF Malta. International Language Schools, July 2007

Conference Talks

- 49–th International Scientific Students Conference, Novosibirsk, April 2011

- 48–th International Scientific Students Conference, Novosibirsk, April 2010

Awards and Grants

- International Scientific Students Conference, second degree diploma
  Novosibirsk, April 2011

- The Best Student Scientific Research Work Award by Salym Petroleum Development
  Khanty-Mansiysk, June 2010

- Student Research Conference of the Ugra State University, first degree diploma
  Khanty-Mansiysk, May 2010

- International Scientific Students Conference, third degree diploma
  Novosibirsk, April 2010

- Second Youth Competition of IT-Projects in Khanty-Mansiysk Autonomous District,
  first degree diploma Khanty-Mansiysk, December 2009

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>

Computer Skills

Programming Languages

- primaries: C/C++, Erlang/OTP, Python, JavaScript (jQuery, ExtJS)

- also know: C#, bash, Scheme, Matlab, R

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

Last updated: August 11, 2011