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

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.

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

- 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

Last updated: June 28, 2011