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)
Research adviser: Vladimir Burlutskiy
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, A-
  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 scale information systems

Internships

Ugra Research Institute of Information Technologies. Advisor: Lyudmila Alsynbaeva, sep 2009–may 2011

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
  topic: "an overview of experimental platform for two-sided educational markets"

- 48–th International Scientific Students Conference, Novosibirsk, April 2010
  topic: "automated knowledge extraction and tests generation from job description texts"

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

Actual projects

- Farseer Project (Jul 2011-...) - analysis and social response prediction from news topics, open source web
  research automatization framework, http://farseer-project.github.com

- E2C (2010-2011) - an experimental web-platform for education-consumer networks,
  source code (Erlang, JavaScript): https://github.com/zaycev/e2c

- rfc4627c (2011) - JSON encoder/decoder for Erlang/OTP
  source code (C, Erlang NIF): https://github.com/zaycev/rfc4627c

Other projects

- Event Flows (may 2011) - web service for creating user event widgets, and getting statistics
  source code (Erlang, JavaScript): https://github.com/zaycev/eflows

- TGS (2009-2010) - applications for knowledge extracting and automated tests generations from job de-
  scription texts, developed for Ugra Research Institute of Information Technologies
  (Erlang, Python, C#, C++)

- Algebra course project "Factorization of polynomials over a finite field", 2009 (C++)

- Slasher PC game, 2008-2009 (C/C++, DirectX)

- Iverty - a simple "Geometry Wars" like game, 2007-2008 (Flash)
  http://vk.com/app157172_7049085

Computer Skills

Programming Languages

- primaries: C/C++, Erlang/OTP, Python, JavaScript

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

Other Languages

- HTML, CSS

- LaTeX

- SQL

- XML

- JSON

- UML, IDEF0

Operating Systems

- Linux

- Mac OS X

- Windows

Software

- DBMS: PostgreSQL, Redis, BerkeleyDB, Mnesia, MySQL

- Web-Servers: mochiweb, yaws, inets, apache, ninx

Communication

- Russian (native)

- English (communication, reading and writing technical documentation)

References

- Vladimir Burlutskiy, Ugra State University
  vladimir.burlutskiy@gmail.com

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