

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

Computer Skills

Programming Languages

- primaries: C/C++, Erlang/OTP, Python
- also familiar with: R, C#, bash, Scheme, Matlab, JavaScript

Other Languages

- HTML, CSS
- \LaTeX
- SQL
- XML
- JSON
- UML, IDEFO

Operating Systems

- Linux
- Mac OS X
- Windows

Software

- DBMS: PostgreSQL, Redis, BerkeleyDB, Mnesia, MySQL
- Web-Servers: mochiweb, yaws, inets, apache, ninx

Communication Skills

- 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
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