

Vladimir Zaytsev

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BIOGRAPHICAL DATA

Citizenship: Russia
Date and place of birth: February 5, 1991, Donetsk, USSR

EDUCATION

Yugra 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 132: Practical Machine Learning, A- Level
joint course project with Pablo Paredas and Eduard Tuchfeld: <http://zvm.me/files/farseer.pdf>
- stat 135: Concepts of Statistics

CAREER AND RESEARCH INTERESTS

machine learning, information retrieval, software engineering

INTERNSHIPS AND JOBS

Medical Insurance Fund of Khanty-Mansiysk Autonomous District (<http://ofoms.ru>).
Python developer, August 2011 – December 2011

- Developed key web services customer, feedback collecting and classification system
- Participated in creation of specifications and technical documentation

Yugra Research Institute of Information Technologies (<http://uriit.ru>).
R&D Intern, February 2009 – May 2011, Advisor: Lyudmila Alsynbaeva

- Developed a NLP system working prototype for extracting essential information from job description texts.
- Participated in developing a web-platform for consumer-education markets, created subsystems for searching similar objects, user chat, some tools for customer's data managing.

SUMMER 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 extracting of essential information from job description texts"

ACHIEVEMENTS, AWARDS AND GRANTS

- Second diploma in International Scientific Students Conference
Novosibirsk, April 2011
- First place in university Student Scientific Research Works Contest.
scholarship by Salym Petroleum Development (<http://salympetroleum.ru/>)
Khanty-Mansiysk, June 2010
- First diploma in Student Research Conference at the Yugra State University
Khanty-Mansiysk, May 2010
- Third diploma in International Scientific Students Conference,
Novosibirsk, April 2010
- First diploma in Second Computer Projects Contest for students
by goverment of Khanty-Mansiysk Autonomous District, Khanty-Mansiysk, December 2009

PROJECTS

Current projects

- Farseer Project (July 2011 – present) – news topics analysis and social signals prediction
scalable web-research toolbox, source code repository (work in progress): <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) – events tracking web-service which provides statistics tools and
embeddable UI based on widgets; source code (Erlang, Python, JavaScript): <https://github.com/zaycev/eflows>
- TGS (2009 – 2010) – an application for extracting essential information from job description texts, developed at the
Yugra Research Institute of Information Technologies (Erlang, Python, C#, C++)

- Algebra course project (2009) "Polynomials factorization over the Golois fields" (C++, BOOST) console application binaries (Win32): <http://zvm.me/files/pf.bz2>
- Unnamed PC game in slasher genre, (2008) (C/C++, DirectX)
- Iverty (2007) – a simple "Geometry Wars" like game, (Flash) flash application: http://vk.com/app157172_7049085

PUBLICATIONS

- Vladimir M. Zaytsev (2011) Web-platform for two-sided educational markets: a highlevel overview. 49-th International Scientific Students Conference (<http://issc.nsu.ru/en/node/133>). Theseis digest. IT Section, pp. 82 – 83. Novosibirsk State University, 2011
- Vladimir M. Zaytsev, Lyudmila Alsynbaeva (2010) Automated extracting of essential information from job description texts. 48-th International Scientific Students Conference (<http://issc.nsu.ru/en/node/79>). Theseis digest. IT Section, pp. 131 – 132. Novosibirsk State University, 2010

COMPUTER SKILLS

- C/C++, BOOST, STL, OpenMP, Erlang/OTP, Python, R, C#, Scheme, Matlab, JavaScript
- HTML, CSS, \LaTeX , SQL, XML, JSON, Google protocol buffers
- UML, IDEFx
- Linux, Mac OS, Windows
- PostgreSQL, Riak, Redis, Berkeley DB, Mnesia, MySQL
- Mochiweb, Yaws, Apache, Nginx

PUBLIC SERVICES

- Coordinator in the Infolab at the Yugra State University - a student's research laboratory and network for extracurricular education in computer science (<http://infolab.ugrasu.ru>) (2011).
- Co-organizer and judge of MathWeek at the Yugra State University (2009-2011).

COMMUNICATION SKILLS

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

REFERENCES

- Vladimir Burlutskiy, Yugra State University
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- Lyudmila Alsynbaeva, Yugra Research Institute of Information Technologies
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- Pablo Paredas, UC Berkeley
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- Eduard Tuchfeld
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