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 cource 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
  v_burluc@ugrasu.ru

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

- Pablo Paredas, UC Berkeley
  paredes@eecs.berkeley.edu

- Eduard Tuchfeld
  eduard@berkeley.edu

Last updated: November 4, 2011