

Vladimir M. Zaytsev

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Education

University of Southern California, Los Angeles
M.S., Computer Science, 2012 – present
Expected graduation date: May 2014

Yugra State University, Khanty-Mansiysk, Russia
B.S., Computer Science, 2008-2012
Diploma cum laude. GPA: 4.9/5.0

Additional Education

University of California at Berkeley
Summer Session Student, June – August 2011

- Practical Machine Learning (stat 132) – A level
- Concepts of Statistics (stat 135)

Internships and Jobs

Research Programmer at USC Information Sciences Institute, *October 2012 - present*
The Natural Language Group at USC/ISI – <http://nlg.isi.edu>

- Metaphor-ADP Natural Language Understanding system based on Abductive Reasoning. Implemented a semantic parsing pipeline (text to FOL form) for the Russian language.
github.com/metaphor-adp/Metaphor-ADP

Research Programmer at USC Information Sciences Institute, *September 2012 - present*
Computational Behavior Group – <http://cbg.isi.edu>

- Directed research in Spatiotemporal Data Analytics project.
Implemented a number of tools for collecting, processing and visualizing Twitter data. Designed data storage for analytics and web API.

Intern at Yugra Research Institute of Information Technologies, *Feb 2009 - May 2011*
Laboratory of Electronic Technologies in Education – <http://uriit.ru>

- Developed an application for extracting essential information from job description texts, using statistical models and the “topic comment” approach.
- Developed subsystems in a web-platform for consumer-educational markets: search, finding similar objects, text chat, user tools for data management.

Computer Skills

Programming: Python, NLTK, Scikit-Learn, C/C++, BOOST, STL, Erlang/OTP, R, C#, JavaScript;

Software: PostgreSQL, Riak, Redis, Mochiweb, Apache, Nginx, git, Linux, Mac OS, Windows;

Other: HTML, CSS, \LaTeX , SQL, XML, JSON.

Career and Research Interests

machine learning, information retrieval, natural language processing, large scale data processing

Last updated: February 25, 2013