

# MIKHAIL P. KOZHEVNIKOV

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## RESEARCH INTERESTS

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My background is largely in software development and statistical modeling and I am currently pursuing a PhD in the area of machine learning for natural language processing (NLP), focusing on cross-lingual models of shallow semantics. My research interests include application of NLP models to real-world data, for example domain adaptation, cross-lingual model transfer or methods of assessing the quality of model's predictions on out-of-domain data, as well as other practical aspects of NLP and statistical modeling for other domains.



## WORK EXPERIENCE

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### Engineering Intern, *Google*

*July 2013 – October 2013*

- semantic parsing, query understanding

### Research Assistant, *MMCI Cluster of Excellence*

*December 2009 – June 2013*

- statistical machine learning for natural language processing
- Java, Python, Shell scripting, Unix administration

### Software Developer, *GGA Software Services*

*August 2007 – November 2009*

- cheminformatics, graph data mining, chemical structure formulae search, indexing and depiction
- high-performance software, C, C++, Cairo graphics library
- database interfaces, C#, SQL
- web-development, Javascript, HTML, Prototype.js, raphael.js, Ruby

### Junior Developer, *Saber Interactive*

*September 2006 – August 2007*

- image processing, version control system integration (SVN, Visual SourceSafe, Perforce)
- C++, WinAPI
- C#, .NET

## EDUCATION

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### PhD, Computational Linguistics

*November 2010 – May 2014<sup>1</sup>*

*Univeristät des Saarlandes, Saarbrücken, Germany*

### MSc, Informatics: Engineering and Management — GPA 1.36

*September 2008 – August 2009*

*Johannes Kepler Universität Linz, Linz, Austria*

### BSc, Applied Mathematics and Software Engineering — GPA 1.0

*September 2005 – June 2008*

*State Technical University of Saint-Petersburg, St. Petesburg, Russia*

## SKILLS

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**Programming:** C, C++, Java, HTML/CSS, JavaScript, Python, Shell scripting

**Operating Systems:** Windows, Mac OS X, Linux

**Languages:** Russian (Native), English (Fluent), German (Intermediate), Spanish (Beginner)

**Other:** Strong algorithmic background, statistical modeling and machine learning, parallel and distributed applications

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<sup>1</sup>Tentative

## PUBLICATIONS

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Mikhail Kozhevnikov and Ivan Titov, Cross-lingual Transfer of Semantic Role Models. *The 51th Annual Meeting of the Association for Computational Linguistics (ACL-2013)*. Sofia, Bulgaria, 2013

Mikhail Kozhevnikov and Ivan Titov, Bootstrapping Semantic Role Labelers from Parallel Data. *Joint Conference on Lexical and Computational Semantics (\*SEM)*, Atlanta, USA, 2013

Mikhail Kozhevnikov and Ivan Titov, Cross-lingual Transfer of Semantic Role Labeling Models. *NIPS 2012 Workshop on Cross-lingual technologies (XLiTe)*. Tahoe Lake, USA, 2012

Ivan Titov and Mikhail Kozhevnikov, Bootstrapping Semantic Analyzers from Non-contradictory Texts. *The 48th Annual Meeting of the Association for Computational Linguistics (ACL-2010)*. Uppsala, Sweden, 2010

## INTERESTS

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In my free time I enjoy skiing, hiking, sailing or swimming, play board games, go to classical music concerts, cinema or pubs.