

Nikita Mediankin – Curriculum Vitae

Address	Czech Republic, Prague, 12800, Praha-2, Sekaninova 447/14	Date of Birth	16 th January 1989
Mobile Phone	+420 607 025 164	Languages	Russian (native) English (IELTS 7.5)
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Education

2016-present	Institute of Formal and Applied Linguistics (ÚFAL) at the Computer Science School, Faculty of Mathematics and Physics, Charles University, Czech Republic. Ph.D. Student.
2014-2016	Higher School of Economics, Moscow Master's degree in Computational linguistics Diploma with Honours (no less than 75% “excellent”, others “good”, final state evaluation “excellent”, with grade system being 5 = “excellent”, 4 = “good”, 3 = “satisfactory” for passing grades).
2006-2011	Lomonosov Moscow State University , Faculty of Mechanics and Mathematics Specialist degree in Mathematics, specialization: Computational Mathematics Diploma with Honours.
1999-2006	Moscow State Secondary School №1514
1996-1999	Moscow State Primary School №930

Academic Interests

Deep syntax, dependency parsing and applications, development of linguistic tools.

Projects

Deep Syntactic Representation across Languages (GAUK project): the project is aimed at developing a deep syntax model that would be both incorporating the best features of numerous existing approaches and be experimentally motivated by testing it on multilingual corpus data. The primary purpose of the model is to facilitate better language alignment on deep syntactic level. The goal of the planned experiments is twofold: to both test the model and collect the knowledge on language structures that can be better transferred across languages.

Python API for DeriNet: lightweight and reasonably fast Python API for [DeriNet derivational network of Czech](#). This API was used in preparation of DeriNet 1.3 and 1.4 releases.

ConFarm: a web-service dedicated to extracting surface representation of verb and noun constructions from dependency annotated corpora of Russian texts. Currently, extraction is available for a specific lemma from SynTagRus and Russian National Corpus divided into pre-1950 and post-1950 subcorpora.

RU Syntax: an NLP pipeline for Russian created in collaboration with Kira Droganova. It combines existing tools like Mystem stemmer/tagger and MaltParser as well as our homebrew segmentation module, numerous postprocessing solutions, wrapper scripts, and web-interface to provide end user with simple yet efficient solution for parsing Russian texts from plain text to dependency annotated CONLL.

RU Verbs: a collection of utilities I created as my contribution to Russian VerbNet project during my study at HSE.

Conferences and Publications

- 13-16 Dec 2016** [COLING-2016](#), Osaka: system demo section with ConFarm, paper “ConFarm: Extracting Surface Representations of Verb and Noun Constructions from Dependency Annotated Corpora of Russian” published in proceedings.
- 1-4 Jun 2016** 22nd International Conference on Computational Linguistics and Intellectual Technologies “[Dialogue-2016](#)”, Moscow: poster session, Drogonova K. A., Medyankin N. S. NLP Pipeline for Russian: an Easy-to-Use Web Application for Morphological and Syntactic Annotation, [published online](#).
- 25 Apr 2016** Workshop “[Computational Linguistics and Language Science](#)”, Moscow: poster session, Medyankin N. S., Drogonova K. A. Building NLP Pipeline for Russian with a Handful of Linguistic Knowledge, in make-up, [manuscript available](#).

Scholarships and Grants

- 2017** GAUK: Deep Syntactic Representation across Languages.
- 2016** Google Summer of Code: [Apertium Weighted Transfer Rules](#).
- 2016** [Rule-Based Machine Translation Summer School in Alacant](#) (Travel Grant).

Employment History

- Mar 2017 - Present** [Polisys Project](#)
Junior Developer
Working on automatic summarization task.
- Feb 2016 - Present** [upwork.com](#)
Freelance Python Developer
Development of utility scripts: web scraping, data cleanup and processing, NLP applications, algorithms on graphs.
- Sep 2014 - Jan 2015** [NPTV, Moscow, Russia](#)
Tech Writer
Same as Undev.
- Sep 2011 - Aug 2014** [Undev, Moscow, Russia](#)
Tech Writer
Writing documentation for IT projects and technical translations from English to Russian and vice versa.

Software Engineering Skills

- **Programming Languages**
Python 2, 3
C, C++
UNIX shell scripting
- **Web Development**
HTML5, CSS3, JavaScript/jQuery
Python Flask
Twitter Bootstrap
- **Miscellaneous**
database management: *MySQL, SQLite3*
version control tools: *svn, git, mercurial*
data formats and protocols: *XML, JSON, HTTP*
markup languages: *markdown, wikicode*

Competitions

- 2006** 4th International Linguistics Olympiad, Tartu: Individual Contest Bronze
- 2005** 3rd International Linguistics Olympiad, Leiden: Individual Contest Bronze,
Team Contest 2nd Trophy
- 2004** 2nd International Linguistics Olympiad, Moscow: Individual Contest Bronze

Extra-curricular Activities

- 27-30 May 2015** Leader of HSE Volunteer Team at “Dialogue-2015” conference, Moscow
- 2011-2015** Member of the Organizing Committee at [Summer School of Linguistics](#)
for secondary school students, Dubna, Ratmino (8-18 Jul annually \pm one day)
- 2010-2015, 2017** Team Leader of the Organizing Committee at the final round of Sharygin
Geometry Olympiad for secondary school students, Dubna, Ratmino
(29 Jul - 1 Aug annually \pm one day)
- 2009-2011, 2017** Member of the Organizing Committee at [Summer School “Contemporary Mathematics”](#)
for secondary and high school students, Dubna, Ratmino (18-29 Jul annually \pm one day)
- 2007-2010** Intern at [Summer School of Linguistics](#) for secondary school students,
Dubna, Ratmino (8-18 Jul annually \pm one day)
- 2005-2006** Student at [Summer School of Linguistics](#) for secondary school students,
Dubna, Ratmino (8-18 Jul annually \pm one day)

Non-academic Hobbies and Interests

In my spare time I enjoy playing guitar, modelling and painting miniatures.