Lyubov Polyanskaya
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Research interests: Artificial Intelligence, Machine Learning, Data Science, Natural Language Processing, Human-Computer Interaction.

Education

- **Utrecht University** — Utrecht, the Netherlands
  Master of Science, Artificial Intelligence — *2017 - 2019*
- **National Research University 'Higher School of Economics'** — Moscow, Russia
  Bachelor of Arts, Computational Linguistics — *2013 - 2017*
  Average grade: 9.87 (out of 10)

Projects & Experience

Science Data Software — 2017 - 2018
Rockville, MD 20850, USA (freelance)

- Named entity recognition (the triplet "drug - target - disease") in biomedical texts.
- Distributional semantic models application for improving information retrieval from biomedical texts.

Database of XIX-century Russian verbal constructions — 2016
School of Linguistics, Higher School of Economics

- Contributed to the database development.
- Filled the database with archaic constructions.
- Coordinated the participants of the project and organised the project timeline.

Multilingual database of synonyms — 2016
Higher School of Economics, Research group "Multilingual database of synonyms"

- Made lexicographical descriptions of the semantic domain of *far* for German and the semantic domain of *to put* for Russian.
- Participated in collecting corpora for the Italian and German languages.

Live Pages App — 2014 - 2015
Samsung Electronics, School of Linguistics, Higher School of Economics

- Developed a module that detects archaic/rare lexicon and attaches its dictionary definitions to "War and Peace".
- Developed quizzes on rare lexicon for app users.

Teaching assistant — 2014 - 2017
School of Linguistics, Higher School of Economics
- Programming in Python, Computer methods for analysing linguistic data;
- Debating in English

Participation in academic conferences

1. 'Similarities and Differences in Lexical Synonymy: FAR and its Synonyms in European Languages.' The 25th Conference of the Student Organization of Linguistics in Europe (ConSOLE XXV), January 4-6, 2017, Leipzig, Germany.

2. 'Automatic Commentary of Russian Classic Literature.' The International Conference of Young Philologists (Digital Humanities section), April 24-27, 2015, Tartu, Estonia.
3. 'Palatalisation of [m] before [e] in Borrowed Proper Names.' Conference "Anthropology, Folkloristics, Sociolinguistics", March 26-28, 2015, Saint-Petersburg, Russia.

Skills

- Areas of expertise: Natural Language Processing, Data Mining, Machine Learning, Cognitive Modelling
- Programming languages: Python, R, JavaScript
- Web-design: HTML/CSS
- Databases: MySQL, NoSQL
- LaTeX

Awards

Reinhart scholarship programme of STT (Utrecht University).	2017-2019
Contest for Students and Alumni in Computational Linguistics, 3rd Prize Winner.	2017
Scholarship of the Oxford Russia Fund for scientific and professional involvement.	2016
Contest for Students and Alumni in Computational Linguistics, 2nd Prize Winner.	2016
University Award for excellence in study	2014-2016
University Award for academic achievement	2015

Summer Schools

Summer School (German, Intensive 2, B2 - Language and Culture), Goethe Institute, Berlin.	2016
Neurolinguistics Summer School, HSE, September 1-7, Moscow.	2014