

# Elena Zakharova

Moscow, Russia

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## Education

- NRU HSE, Faculty of Humanities, School of Linguistics, bachelor's degree in Fundamental and Computational Linguistics (2014 - 2018)

## Skills

- Technical
  - **Programming languages:** Python (2.6+ 3.4+), R, Bash, basic JavaScript
  - **Web:** HTML/CSS
  - **Frameworks:** Flask, Django
  - **Databases:** SQL (*MySQL, PostgreSQL*), NoSQL, Search engines (*Elasticsearch, Sphinxsearch*)
  - **Tools:** Git, LaTeX, Travis, Docker
  - Natural Language Processing (*nlTK, pymorphy, gensim, spaCy, embeddings*)
  - Data mining and machine learning (*pandas, numpy, scikit-learn, xgboost, pytorch, tensorflow, keras*)
  - Test Driven Development
- Languages
  - Russian (Native)
  - English (Upper-Intermediate)
  - French (Upper-Intermediate)
  - Italian (Pre-Intermediate)

## Experience

- Work
  - **Visiting Teacher**  
*Higher School of Economics, Data Culture Project, Programming and Theory of Algorithms*  
*October 2019 - July 2020*
  - **Visiting Teacher**  
*Higher School of Economics, Data Culture Project, Digital Literacy*  
*January 2019 - July 2019*
  - **Software Engineer**  
*JSC "Concern "Sozvezdie"*  
*February 2018 - September 2019*

- **Teaching Assistant**

*Higher School of Economics, Data Culture Project, Digital Literacy*

*January 2018 - June 2018*

- Internships

- Google Summer of Code (May - August 2017) - ScrapingHub: adding the support for finding and parsing dates in the large texts to dateparser

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## Publications

- Gerasimenko, E., Puzhaeva, S., Zakharova, E., & Rakhilina, E. (2019). Defining discourse formulae: computational approach. EPiC Series in Language and Linguistics, 4, 61-69.
- Yu. Puzhaeva, Svetlana & A. Gerasimenko, Ekaterina & S. Zakharova, Elena & V. Rakhilina, Ekaterina. (2018). Automatic Extraction of Formulaic Expressions from Russian Texts. Vestnik NSU. Series: Linguistics and Intercultural Communication. 16. 5-18. 10.25205/1818-7935-2018-16-2-5-18