Elena Zakharova

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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, 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

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