

ELENA SHAKUROVA

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WORK EXPERIENCE

<i>NPO-Progress</i>	<i>2016–Present</i> Junior Python Developer Responsibilities: Writing scripts on Python, applying machine learning algorithms for text classification, writing rules for text mining and fact extraction, web-crawling, writing documentation, working with relational data bases
<i>TT-Consult</i>	<i>2015–Present</i> Web-developer Web site using PHP and JavaScript Responsibilities: Editing content, debugging code and re-designing web page; search engine optimisation.

EDUCATION

<i>National Research University Higher School of Economics</i>	<i>2013-2017</i> Bachelor, Computational Linguistics GPA: 3.45/4.00 · Class rank: 12/66 Courses: Computer Tools for Linguistics Research · Discrete Mathematics · Programming (Python) · Linear Algebra and Mathematical Analysis · Web-Design · Mathematics for Linguists · Programming (R) · Theory of Algorithms · Automatic Natural Language Processing · Databases.
<i>University of Helsinki</i>	<i>2015-2016</i> Exchange Student GPA: 3.48/4.00 Courses: Programming and Natural Language Processing (NLTK) · Morphological Processing Tools (HFST).
<i>Coursera</i>	Courses: Probability (Penn University) · Machine Learning (Stanford University).

COMPUTER SKILLS

<i>Languages</i>	Python (NLTK, Flask, Numpy, Pandas, Sikit-learn, Scrapy), R, Matlab
<i>Web-design</i>	HTML, CSS, PHP, JavaScript
<i>Databases</i>	MySQL, MongoDB, Elasticsearch
<i>NLP instruments</i>	PRAAT, ELAN
<i>Version Control</i>	git
<i>Other</i>	L ^A T _E X, command line, MS Office, Linux

PROJECTS AND EXPERIENCE

<i>NRU HSE</i>	<i>2015 - 2016</i> Coursepaper: Semantics of degree for qualities: a quantitive typological research I tested the hypothesis that there are adjectives that differ only in the degree for
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qualities. The study was carried out for 3 languages: Russian, English, German. The method was to analyse frequency of bigrams using Python. Code and results of the research could be found here:

<https://github.com/Shakurova/ngrams>

NRU HSE	2016	Group Project: Universal Dependencies
	I helped to create documentation of Treebank for Russian language.	
	2016	Group Project: Splitter
NRU HSE	I developed a program that makes segmentation of corpora of fiction literature. The program is written using Python.	
	2016	Russian Learner Corpora of German speaking Students
NRU HSE	On the base of my last year coursepaper I created a corpora of Mistakes in Russian as a foreign language using python and Elastic Search. Code could be found here: https://github.com/Shakurova/elasticsearch-python	

OTHER INFORMATION

<i>Certificates</i>	University of Helsinki	· Certificate of completion the Language Center Course Assistant programme in Russian language teaching
	Humboldt Universitat	· Semi-intensive German language course, A2
	NRU HSE	· 3d degree certificate, Competition in Computational Linguistics
<i>Student Conferences</i>	Moscow City Teacher Training University · "Semantic range of Russian verbs soblaznyat', prel'shchat', privlekat', prityagivat', vlech', manit'"	
<i>Languages</i>	Native	· Russian
	Advanced	· English
	Intermediate	· German, French
	Basic	· Spanish, Finnish
	Familiar	· Russian Sign Language, Indonesian, Italian, Latin
<i>Interests</i>	Programming · Web-design · Travelling · Music · Psychology · Literature	

September 22, 2016