

# ELENA SHAKUROVA

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## WORK EXPERIENCE

<i>NPO-Progress</i>	<b>2016–Present Junior Python Developer</b> 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>	<b>2015–Present Web-designer</b> 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>	<b>2013–2017 Bachelor, Computational Linguistics</b> 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>	<b>2015–2016 Exchange Student</b> 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>	<b>Python</b> (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 <sup>A</sup> T <sub>E</sub> X, command line, MS Office, Linux

## PROJECTS AND EXPERIENCE

<i>NRU HSE</i>	<b>2015 - 2016 Coursepaper: Semantics of degree for qualities: a quantitative typological research</b> 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	<b>Group Project: Universal Dependencies</b>
	I helped to create documentation of Treebank for Russian language.	
	2016	<b>Group Project: Splitter</b>
NRU HSE	I developed a program that makes segmentation of corpora of fiction literature. The program is written using Python.	
	2016	<b>Russian Learner Corpora of German speaking Students</b>
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: <a href="https://github.com/Shakurova/elasticsearch-python">https://github.com/Shakurova/elasticsearch-python</a>	

#### OTHER INFORMATION

<i>Certificates</i>	<b>University of Helsinki</b>	· Certificate of completion the Language Center Course Assistant programme in Russian language teaching
	<b>Humboldt Universitat</b>	· Semi-intensive German language course, A2
	<b>NRU HSE</b>	· 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