

# ELENA SHAKUROVA

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## WORK EXPERIENCE

*TT-Consult* 2015–Present Web-designer  
Web site using PHP and JavaScript  
Responsibilities: Editing content, debugging code and re-designing web page;  
search engine optimisation.

## EDUCATION

*National Research University Higher School of Economics* 2013–2017 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 (HTML, CSS, JavaScript, PHP, MySQL, Adaptive Web-Design) · Mathematics for Linguists · Programming (R) · Theory of Algorithms · Automatic Natural Language Processing · Databases.

*University of Helsinki* 2015–2016 Exchange Student  
GPA: 3.48/4.00  
Courses: Programming and Natural Language Processing (NLTK) · Morphological Processing Tools (HFST).

*Coursera* Courses: Probability (Penn University) · Machine Learning (Stanford University).

## COMPUTER SKILLS

*Languages* Python (NLTK, Flask, Numpy, Pandas, SCikit-learn), R, Matlab  
*Web-design* HTML, CSS, PHP, JavaScript  
*Databases* MySQL, Elasticsearch  
*NLP instruments* PRAAT, ELAN  
*Version Control* git  
*Other* L<sup>A</sup>T<sub>E</sub>X, command line, MS Office

## PROJECTS AND EXPERIENCE

*NRU HSE* 2015 - 2016 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 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>

2016 Group Project: **Universal Dependencies**

NRU HSE	I helped to create documentation of Treebank for Russian language.
2016	Group Project: <b>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 <i>soblaznyat'</i> , <i>prel'shchat'</i> , <i>privlekat'</i> , <i>prityagivat'</i> , <i>vlech'</i> , <i>manit'</i> "
<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

August 20, 2016