

# Alexandra Ershova

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## Education

2013–2017 **BA in Computational linguistics**, *Higher School of Economics (NRU HSE)*,  
(exp.) Moscow, Russia.  
Current GPA: 8.89/10  
Class rank: 9/66

## Technical coursework

Information retrieval, Machine learning (MOOC), Algorithms, Relational databases, Distributed databases, Natural language processing, Text mining and data analysis (MOOC), Probability theory and statistics, Methods of data collection and analysis, Programming in Python, Programming in R, Math for linguists, Linear algebra, Mathematical analysis, Natural language processing tools, Discrete mathematics and combinatorics

## Technical skills

Programming languages Python (main language; experienced), R (experienced), JavaScript (familiar), MySQL (familiar)  
Markup languages XML, HTML, Latex, Markdown  
Web design CSS, skeleton.io, Material Design Lite  
VCS GitHub  
Other Microsoft Office (Excel, Word, PowerPoint), regular expressions, Flask, elasticsearch, SQLite, Neo4j, ELAN, Praat

## Study projects

2016	<b>Telegram bot @tedcombot</b>	<i>Team project</i>
	<b>Thai web corpora</b>	<i>Team project</i>
	<b>Ladino spellchecker</b>	<i>Personal coursework project</i>
	<b>Database for syntactic constructions</b>	<i>Team project</i>

## Languages

Russian **Native speaker**  
English **C1/C2**  
Hebrew **B1/B2**  
French **B1**

## Extracurricular activities

- 2016 Microsoft DevCon School: Cognitive Services
- 2015-2016 Volunteering for Lomonosov Academic Tournament
- 2015 Participation in Second Summer Neurolinguistics School "Language and Brain Pathology" (NRU HSE)  
Participation in Student Conference of Institute for Linguistics (Russian State University for the Humanities)
- 2014 Participation in Summer Neurolinguistics School "Introduction to Contemporary Neurolinguistics" (NRU HSE)