

Aleksandra Martynova

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Education

Higher School of Economics

MA, Computational Linguistics
(expected)

Moscow

2017–2019

Higher School of Economics

BA, Fundamental and Computational Linguistics

Moscow

2013–2017

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

Theoretical courses: Theory of Language (Phonetics, Morphology, Syntax, Semantics, Discourse), Language Diversity and Typology

Skills

Technical.....

Programming languages: Python, R

Markup languages: XML, Latex, Markdown

Web: Flask, Django, CSS, HTML

Databases: SQL (MySQL, SQLite), NoSQL (ElasticSearch, Neo4j)

VCS: Git, mercurial

Linguistic research tools: ELAN, Praat, FLEx, Kaldi

Other: Natural language processing, Machine learning

Linguistic research.....

Linguistic data collection: work with native speakers, corpus research, internet language data, design of linguistics experiments and questionnaires

Linguistic data analysis: frequency, collocations, semantic analysis

Projects and Experience

Sign Language seminar, 2014 - now

participation in the seminar (*Word order in the RSL, automatic recognition of the RSL*)

https://ling.hse.ru/Seminars_SignLang

JoopeA Club, Rails Girls Summer of Code, summer 2017

Django developer, internationalization for social network

<https://teams.railsgirlssummerofcode.org/teams/416>

Sci-study group "Creation and use of corpora instruments for the study of Yiddish", 2014-2015

corpus dialectological study of the reflexes of phoneme h in the dialects of south-eastern Yiddish

Grant 14-05-0074 of the HSE Research Foundation

<https://philology.hse.ru/yiddish/members>

State University Higher School of Economics, January-June 2016

Teaching assistant in Python

Papers

1. Martynova A., Moroz G. Uvular Consonants in Languages of the Caucasus //Historical Linguistics of the Caucasus: Book of abstracts. Paris, 12–14 April, 2017 – Makhachkala: IYaLI DNC RAN, 2017.
2. Martynova A. S. Refleksy fonemy h v govorah yugo-vostochnogo idisha //Tipologiya morfosintaksicheskikh parametrov. Materialy mezhdunarodnoj konferencii «Tipologiya morfolosintaksicheskikh parametrov 2015». – MPGU, 2015.

Languages

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|----------------------------------|------------------------------------|
| ○ Russian: Native speaker | ○ Russian Sign Language: B1 |
| ○ English: C1 | ○ Yiddish: A2 |
| ○ German: B1-B2 | |