

ANASTASIA KOBZEVA



ABOUT ME

I am a PhD Candidate in computational (psycho)linguistics. I have a strong foundation in natural language processing, data analysis, and experimental design. I am looking for positions within NLP/data analysis in and around Oslo, starting from January 2025.

CONTACT DETAILS

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✉ Thomas Hirsch gate, Trondheim, Norway

PERSONAL INFORMATION

Citizenship: Russian Federation

Residence: Norway (permanent oppholdstillatelse)

Languages: Russian (native), English (C1), Norwegian (B2), German (B1), French (A2)

SKILLS

- Python, R, basic SQL
- Version control: git
- MS Office, LaTeX
- OS: UNIX and Windows
- Academic writing
- Research dissemination
- Teaching

WORK AND VOLUNTEER WORK EXPERIENCE

VOLUNTEER DATA ANALYST at ReStore (NO)

Feb 2024–pres.

◇ I am an active member of the ReSearch group, where we analyze data on CO2 emissions saved by ReStore in Trondheim. Recently, I developed a Streamlit-hosted Python app to track visitors during ReStore openings, significantly reducing volunteer effort. Currently, I am automating data handling processes by building Python pipelines for data pre-processing, analysis, and visualization.

RESEARCHER at City University of New York (US)

Apr 2019–Jun 2019

◇ I did a research internship at the Eye-Tracking and Language Processing Laboratory where I collected and analyzed experimental linguistic data.

RESEARCHER at Center for Language and Brain (RU)

Jul 2014–Dec 2015

◇ I developed and standardized the syntax sub-test of the Russian Aphasia Test, collected and analyzed experimental data from individuals with aphasia.

VOLUNTEER TEACHER OF RUSSIAN at UiT (NO)

Feb 2016–May 2016

◇ I taught Russian as a foreign to a group of 10 students (beginner level).

EDUCATION

PHD IN COMPUTATIONAL PSYCHOLINGUISTICS

2020–2024

Norwegian University of Science and Technology (NO)

◇ Thesis: *Computational modeling of filler-gap acquisition in Norwegian* (supervised by Dave Kush and Tal Linzen)

◇ I trained statistical and neural language models and used psycholinguistic assessments to explore their ability to learn a specific linguistic phenomenon in Norwegian (filler-gap dependencies and island constraints on them).

◇ During my time as a PhD student, I managed EyeLands Lab and taught BA and MA courses at NTNU.

MSC IN CLINICAL LINGUISTICS, JOINT DEGREE (EMCL+)

2017–2019

U. of Groningen (NL), U. of Potsdam (DE), U. of Eastern Finland (FI)

◇ Thesis: *Distributional properties of input in heritage language acquisition*

◇ Coursework: Neurolinguistics, Psycholinguistics, Neuroimaging, Language Acquisition, Statistics

◇ GPA: 8.6/9

BA IN FUNDAMENTAL AND COMPUTATIONAL LINGUISTICS

2013–2017

National Research U. Higher School of Economics, Moscow (RU)

◇ Thesis: *Exploring the Relationship between Working Memory Capacity and Syntactic Deficits in Aphasia*

◇ Coursework: Theory of Language, Natural Language Processing, Programming, Probability Theory, Statistics, Algorithms, Experimental Linguistics

◇ GPA: 9.12/10

SELECTED RESEARCH PUBLICATIONS

◇ Kobzeva, A. & Kush, D. (2024). Grammar and Expectation in Active Dependency Resolution: Experimental and Modeling Evidence from Norwegian. Submitted to *Journal of Cognitive Science*. Pre-print

◇ Kobzeva, A., Arehalli, S., Linzen, T. & Kush, D. (2023). Neural Networks Can Learn Patterns of Island-insensitivity in Norwegian. In *Proceedings of the Society for Computation in Linguistics*. Paper

◇ Kobzeva, A., Arehalli, S., Linzen, T. & Kush, D. (2022). LSTMs Can Learn Basic Wh-and Relative Clause Dependencies in Norwegian. In *Proceedings of the Annual Meeting of the Cognitive Science Society*. Paper