

Nikita Bezrukov, Ph.D.

Linguistics & Humanities Expert | Annotation & Evaluation | Multilingual Data Engineering

@ nikitab@sas.upenn.edu

🌐 <https://nbzr.org/>

in <https://www.linkedin.com/in/nbzr/>

📍 New York, New York

EXPERIENCE

Lecturer in Linguistics and Technical Writing

Massachusetts Institute of Technology

📅 September 2025 – Present

- Design and teach computationally oriented courses in linguistics, NLP, and engineering communication.
- Develop Jupyter-based assignments for text processing, morphology, and writing-system modeling.
- Supervise project teams working on applied NLP, robotics, and data-driven research, focusing on clear task design and reproducible workflows.
- Conduct research on inflectional learning and language change using rule-based models of natural language.

Lecturer in Linguistics and Cognitive Science

Columbia University/Barnard

📅 September 2025 – Present

- Teach advanced seminars on animal communication and the formal modeling of writing systems.
- Mentor student research involving corpus construction, annotation, and cross-linguistic data analysis.

Linguistics/Humanities Expert Reviewer

Mercor

📅 March 2025 – June 2025

- Evaluated large language model outputs for linguistic accuracy, factual correctness, and prompt adherence across linguistics and humanities tasks.
- Diagnosed model errors in morphology, syntax, semantics, and discourse, informing guideline refinement and task design.

Lecturer in Linguistics and Academic Writing

University of Pennsylvania

📅 August 2023 – May 2025

- Led an applied research lab (Penn Linguistic Policy Lab) with ~50 students per semester, producing datasets, analytic reports, and evaluations on language and AI topics.
- Taught writing-intensive courses on linguistics and AI (“Language Death”, “Sociolinguistics”, “Artificial Minds”, “Fairness in Machine Learning”), emphasizing empirical argumentation over qualitative claims.

Postdoctoral Research Associate

Princeton University

📅 September 2022 – September 2023

- Conducted research on writing systems and orthographic structure, creating datasets and formal feature systems for cross-script comparison.
- Designed and taught interdisciplinary courses integrating historical linguistics, writing systems, and computational approaches.
- Advised undergraduate and graduate students on research design, corpus methods, and technical writing.

SUMMARY

Linguist with expertise in corpus design, multilingual data evaluation, and formal linguistic analysis. Experienced in detecting model errors, and generating reference-grade responses across multiple languages. Strong cross-functional collaborator with experience mentoring researchers and coordinating complex data projects.

EDUCATION

University of Pennsylvania

Doctor of Philosophy in Linguistics

📅 Aug 2016 – Aug 2022

University of Chicago

Master of Arts in Middle Eastern Studies

📅 Sep 2014 – Jun 2016

Moscow State University

Specialist (BA+MA) in Linguistics

📅 Sep 2007 – Jun 2012

TECHNOLOGY

Python

R

Regex

Jupyter

Data Cleaning

Unicode

Text Normalization

OCR Cleanup

Corpus Construction

Annotation Design

LLM Evaluation

LANGUAGES

English

Russian

Ukrainian

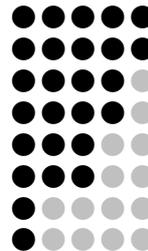
Armenian

French

Hebrew

Yiddish

Turkish



Summer Faculty Member

Columbia University; Yerevan Academy for Linguistics and Philosophy

📅 July 2018 – August 2023

- Taught formal methods for linguistic research, including morphology, syntax and writing systems.
- Supervised independent projects involving cross-linguistic data collection, annotation, and quantitative analysis.
- Designed introductory linguistics courses for students with limited English instruction, focusing on explicit representations and data-driven reasoning.

Linguistic Project Coordinator

True Tongue Labs

📅 January 2019 – December 2019

- Led acquisition and preprocessing of a large-scale online comment corpus, performing markup and sentiment analysis in R and Python.

Graduate Student Researcher

University of Pennsylvania

📅 August 2016 – August 2022

- Built cross-linguistic datasets for Armenian, Japanese, and other languages, covering morphology, orthography, and usage.
- Designed and ran formal experiments on writing systems and language structure; conducted statistical and corpus-based analyses.
- Co-organized the Penn Linguistics Conference, handling submissions, reviews, and proceedings editing.

Linguistic Project Coordinator

Corpus of Modern Yiddish

📅 September 2010 – August 2014

- Improved OCR and text-normalization pipelines for Yiddish digitization projects, collaborating with developers and proofreaders.
- Helped develop linguistic annotation workflows for Yiddish morphology.