

KALINA KOSTYSZYN

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EDUCATION

Stony Brook University

Ph.D. in Linguistics

Advisor: Jeff Heinz

Estimated graduation June 2023

Bryn Mawr College

BA in Computer Science and Linguistics

Advisors: Deepak Kumar and Jane Chandlee

June 2017

SELECTED PUBLICATIONS

RESEARCH

Kostyszyn, Kalina and Jeffrey Heinz (2021). "Categorical models of gradient acceptability of word-initial Polish onsets." Proceedings of the 2021 Annual Meeting of Phonology (to appear).

Graf, Thomas and Kostyszyn, Kalina (2021). "Multiple Wh-Movement is not Special: The Subregular Complexity of Persistent Features in Minimalist Grammars," Proceedings of the Society for Computation in Linguistics: Vol. 4 , Article 26.

RESEARCH

2021 - ongoing:

Modeling principles for distribution of Arabic irregular plural patterns, focusing on Modern Standard Arabic but with plans to expand to other resourced Arabic dialects.

Surveying a corpus of Polish to determine morpho-phonological environment for a vowel-zero alternation, with the intent of training language learning models to compare learnability with a future experiment with native speakers.

2019 - ongoing:

Examining categorical vs. gradient models of phonotactics, using Polish word-initial consonant clusters.

Research assistant (Psychology) in Arthur Samuel's lab: language perception studies, building and scheduling experiments. Identifying subregular learning patterns in neural networks.

2019, spring

Research assistant (Linguistics) under Thomas Graf: studying patterns of persistent features in syntax trees.

2017, summer - 2018, summer

Visiting scholar(Linguistics) in Irene Vogel's Prosodic Typology lab.

TEACHING EXPERIENCE

Stony Brook University

Primary Instructor for:

LIN120 Language and Technology (online - summer, fall 2020)

Teaching Assistant for:

LIN200: Language in the USA (online - spring 2021)

LIN301: Phonology (fall 2019)

LIN120: Language and Technology (fall 2018/2021, spring 2019)

Microsoft TEALS

Volunteer Teacher
Fall 2021

Summer Youth Camp for Computational Linguistics (2020-2021)

Instructor

Created introductory Python modules using linguistic data.
Introduced finite-state methods for linguistic purposes.
Supervised student projects.

Bryn Mawr College

Peer Tutor (Spring 2014-Spring 2017)

Tutored basic data structures in a Java-like environment.

Teaching Assistant (Fall 2014-Fall 2016)

CS110: Introduction to Computer Science

Elaborated on concepts from class during self-run office hours.

At times assisted with grading homeworks.

OTHER SKILLS

Proficient in programming with Python and Java.

Proficient with Jupyter Notebooks for coding and educational purposes.

Familiar with programming in C, C++.

Familiar with web development using HTML and CSS.

Familiar with statistics in R.

Proficient with L^AT_EX for text editing.

Experience with the Natural Language Toolkit.

Familiar with Git command-line actions.

Familiar with Gorilla.sc and Amazon Mechanical Turk for running psychology experiments.

Heritage speaker of Polish.

LEADERSHIP

Colloquium Organizer - Spring 2019

Department Student Representative - Fall 2019-Spring 2020

Graduate Linguistics Society Treasurer - Fall 2019-present

Brown Bag Organizer - Fall 2020

Institute for Advanced Computer Science Student Organization Media Manager - Fall 2019-Spring 2020

EXTRACURRICULAR ACTIVITIES AND VOLUNTEER WORK

2020-present Stony Brook Linguistics JEDI (Justice, Equity, Diversity, and Inclusion)

2014-2015 Bryn Mawr Customs Person