Cassandra Maz

cassam5@uw.edu – https://cassandra-maz.github.io/

Research Interests
Computational Linguistics, Natural Language Processing, Machine Translation, Sign Languages, ASL, Sociolinguistics

Education

University of Washington, *Fall 2020 – present*
Ph.D. Student, Linguistics, Computational Track

University of Pittsburgh, *Fall 2016 – Spring 2020*
B.A., Linguistics, Summa Cum Laude
B.S., Applied Mathematics, Summa Cum Laude

Research

Streamlined Project, R.A., *Fall 2020 – Winter 2021; Fall 2021*
Graduate Research Assistant for Dr. Gina-Anne Levow
Developed shared tasks for speaker diarization and speaker ID for low resource languages. More information here:
https://emilyahn.github.io/streamlined/

Location Lowering and Handshape Assimilation: An Analysis of Phonological Processes in ASL, *Spring 2022*
Explores how the location and handshape of surrounding signs impact where and how a target sign is expressed.

Problems in Visual Language Translation: A Glance at ASL-LEX 2.0, *Spring 2022*
Breaks down the distribution of data in the video database ASL-LEX 2.0 by handshape, location, movement type, and symmetry type; analyzes impressions of iconicity in ASL from Deaf signers, Deaf non-native signers, and hearing non-signers

Gendered Dialogue in Animated Movies, *Spring 2019*
Analyzes how the language use of male and female characters in Disney and DreamWorks animated films varies depending on their role in the plot. View the project here:
https://github.com/Cassie-Maz/Animated-Movie-Gendered-Dialogue

ELI Data Mining Group, *Fall 2019*

Undergraduate researcher for Na-Rae Han, Alan Juffs, and Ben Naismith

Cleaned and analyzed the Pitt English Language Institute Corpus

Teaching   University of Washington

Computational Methods for Linguistics, T.A., *Spring 2022*

Deep Processing Techniques for NLP, T.A., *Winter 2022*

Advanced Statistical Methods for NLP, T.A., *Winter 2022*

Introduction to Linguistics, T.A., *Spring 2021*

University of Pittsburgh

Data Science for Linguistics, T.A., *Spring 2020*

Algebra, T.A., *Fall 2018 – Spring 2019*

Talks   **Computational Methods for Linguistics**, Lecture, *Spring 2022*

"Linguistic Corpora": what counts as a linguistic corpus, the power and limitations of NLP

"Pandas & Visualizations with matplotlib": word embeddings, making visualizations using matplotlib through pandas

Introduction to Linguistics, Lecture, *Spring 2021*

"Social Dialects": general introduction to language attitudes, social dialects, and variation across gender, ethnicity, and social class

Awards   **Culver Award**, *Spring 2020; Spring 2019*

University of Pittsburgh, Department of Mathematics

Given in recognition of superior academic achievement in mathematics

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