

Clare Harshey

COMPUTATIONAL LINGUIST



PROFILE

Graduate student completing a degree in Computational Linguistics, with a passion for linguistics, natural language processing and problem solving. Seeking full-time opportunities to apply strong skill sets in programming and linguistic analysis to real-world challenges in a team-based industry setting.

EDUCATION

MS Computational Linguistics Indiana University

Exp. May 2018

- Morpho-Syntax focus
- Coursework highlights: Semantic Natural Language Processing, Software Systems, Machine Learning, Mathematics and Logic for Cognitive Science

BA Linguistics University of Kentucky

May 2016

- Minor in Computer Science
- Coursework highlights: Algorithm Design and Analysis, Corpus Linguistics, Analysis of English Syntax

EXPERIENCE

Linguist and Editor The LINGUIST List

May 2016 – Present

Assisting in work on Yiddish Speech Corpus project; editing mailing list content; management of social media and fundraising campaigns.

Fieldwork Processing Intern The Language Conservancy

June 2017 – August 2017

Processing and analyzing fieldwork data collected from speakers of Acoma; cataloguing written and spoken data; assisting in the construction of phonological and orthographic models for the language.

RESEARCH

STYLAR: Speech Technology for Yiddish Language Archives

2016 – Present

Development of an annotated Yiddish speech corpus to be used for the training of a forced aligner and other speech and language technology.

Capstone: Old Norse Nominal Inflection and Network Morphology

2015

Modeled Old Norse nominal inflection using the network morphology framework and KATR computational formalism. Generated appropriate morphological forms from a KATR grammar.

CORE COMPETENCIES

- Linux/Unix
- Java
- Python
- C / C++
- Git
- NLTK
- ELAN
- R
- Praat
- LaTeX
- CoreNLP
- Corpus Linguistics
- Machine Learning
- Spanish
- Yiddish
- Project Management
- Documentation
- Grant Writing

CONTACT



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