

Evan Chapple

EXPERIENCE

The Language Conservancy — *Contract Linguist*

May 2022 - August 2022

Created an eLearning platform for the Mountain Ute tribe, updated spellings and entries for the Mountain Ute dictionary, and scribed for a Shoshone rapid word collection.

Indiana University — *Undergraduate Researcher*

October 2021 - May 2023

Tested effects of different explanations given by AI on human response as part of the Trusted AI project funded by NSWC-Crane.

EDUCATION

Université de Lorraine — *Natural Language Processing Masters*

August 2023 - June 2024 (expected)

Indiana University — *Computational Linguistics BS*

August 2019 - May 2023 (expected): GPA: 3.97/4.00

Indiana University — *Psychology BA*

August 2019 - May 2023 (expected): GPA: 4.00/4.00

Indiana University — *Economics, Second Language Studies, Computer Science Minors*

August 2019 - May 2023 (expected): GPA: 4.00/4.00

PROJECTS

Cognate Prediction for Under Resourced languages — Unsupervised Project UL

Built a seq2seq model with Bahdanau attention that created cognate predictions between French and Spanish and later Finnish and Inari Saami while outputting the attention layer in a graphic to help explain the model's predictions. The project demanded work with encoder/decoder models, attention layers, and corpus collection.

Next-Word and Variant Prediction for Sardinian Dialects — CL Honors Thesis

Built a multi-task model that would predict variant-specific next words for four Sardinian dialects. The project demanded work with RNNs, data sampling techniques, and web scraping.

Gender Exclusive Language and Ostracism — Social Psychology

Conducted research on the effects of gender exclusive language on measures of felt ostracism and needs satisfaction. The project demanded work with ethical guidelines, human subjects, and survey development.

Predictive Keyboard for Chukchi — Global Classroom

Developed a predictive algorithm alongside students at the Higher School of Economics, Moscow as a tool for an under-represented language spoken mainly in Siberia using Word2Vec.

ACTIVITIES

UnderLings — President

August 2021 - October 2022

Undergraduate linguistics club at Indiana University

SKILLS

Python

Java

Unix

Racket

AWARDS

Erasmus Mundus Scholarship - 2023-2025

Fulbright Fellowship - 2023 (declined)

Executive Dean's List - 2019-2023

Psi Chi (Psychology Honors Society) - 2022

Phi Beta Kappa - 2022

Founder's Scholar - 2021-23

Inducted into Honors College - 2019

Provost Scholarship - 2019-2023

National Merit Scholar - 2019-2023

AP Scholar with Distinction - 2019

National Spanish Exam, Gold - 2019

Le Grand Concours, 4th - 2018

LANGUAGES

English, Native

French, Advanced Medium

Spanish, Advanced Medium

Italian, Intermediate High

German, Intermediate Medium

Russian, Intermediate Low