

Elya Brown

Education

Indiana University

M.S., Computational Linguistics

Bloomington, IN

2025

Chapman University

B.A., History and Creative Writing

Orange, CA

2021

Relevant Courses

Applying ML Techniques in CL

Indiana University

LING-L 645

A

Fall 2024

Advanced Natural Language Processing

Indiana University

LING-L 665

A

Fall 2024

Seminar in Computational Linguistics

Indiana University

LING-L 715

A

Spring 2024

Computation & Linguistic Analysis

Indiana University

LING-L 545

A

Fall 2023

Advanced Research Thesis I & II

Chapman University

HIST 496 & 498

A

Fall 2020 & Spring 2021

Awards

Foreign Language and Area Studies (FLAS) Fellowship

Indiana University

Academic Year 2024

Foreign Language and Area Studies (FLAS) Fellowship

Indiana University

Summer 2024

History Department Excellence Award

Chapman University

2021

Projects & Papers

Knowledge Graph Extraction via Large Language Models

National Institute of Criminalistics and Criminology — Brussels, Belgium

2024

Neural Word Segmentation for Classical Tibetan

LING-L 645 — Indiana University

2024

Improved Neural Word Segmentation for Standard Tibetan

2nd EURALI Workshop @ LREC-COLING 2024

2024

Languages

Natural

Tibetan (Advanced), Spanish (Intermediate), Japanese (Beginner)

Programming

C++, Python, C#, Javascript

Tools, Libraries, & Modules

Llama, Ollama, etc.

Large Language Model Interfacing

Neo4j

Graph Database Management

OpenGL

Graphics Programming Interfacing

TensorFlow, PyTorch, Keras, etc.

Machine / Deep Learning Modules (in Python)

Slurm Workload Manager

Job Scheduler (used on IU's Supercomputers)

Other

Intermediate Colloquial Tibetan Summer Intensive

Rangjung Yeshe Institute, Nepal

Summer 2024