

Elya Brown

Education

Indiana University <i>M.S. Computational Linguistics</i>	Bloomington, IN 2025
Chapman University <i>B.A. History and Creative Writing</i>	Orange, CA 2021

Relevant Courses

Applying ML Techniques in CL <i>Indiana University</i>	LING-L 645	A Fall 2024
Advanced Natural Language Processing <i>Indiana University</i>	LING-L 665	A Fall 2024
Advanced Data Modeling <i>Indiana University</i>	LING-L 715	A Spring 2025
Computation & Linguistic Analysis <i>Indiana University</i>	LING-L 545	A Fall 2023
Advanced Research Thesis I & II <i>Chapman University</i>	HIST 496 & 498	A Fall 2020 & Spring 2021

Awards

Foreign Language and Area Studies (FLAS) Fellowship <i>Indiana University</i>	Academic Year 2024
Foreign Language and Area Studies (FLAS) Fellowship <i>Indiana University</i>	Summer 2024
History Department Excellence Award <i>Chapman University</i>	2021

Projects & Publications

Knowledge Graph Extraction via Large Language Models <i>National Institute of Criminalistics and Criminology — Brussels, Belgium</i>	2024
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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

Neo4j

Graph Database Management

Vulkan & OpenGL

Graphics Programming Interfacing

TensorFlow, PyTorch, Keras, etc.

Machine / Deep Learning Modules (in Python)

Slurm Workload Manager

Job Scheduler (used on IU's Supercomputers)

Llama, Ollama, etc.

Large Language Model Interfacing

Other

Intermediate Colloquial Tibetan Summer Intensive

Rangjung Yeshe Institute, Nepal

Summer 2024