

Jennifer Haliewicz

Portland, OR | jennifer.haliewicz@gmail.com | 971-269-6006 | LinkedIn | Portfolio

PROFESSIONAL SUMMARY

Computational linguist with an M.S. in Human Language Technology and hands-on experience in NLP research, linguistic annotation, and AI evaluation. Combines formal training in machine learning, statistical NLP, and information retrieval with applied work building multilingual language resources, evaluating LLM outputs, and designing PostgreSQL-backed data systems.

EDUCATION

University of Arizona

M.S. in Human Language Technology.

May 2026

Relevant Coursework: Machine Learning, Advanced Statistical NLP, Data Mining, Deep Learning, Speech Processing, Information Retrieval

Portland State University

B.A. in Applied Linguistics.

August 2022

Portland State University

B.A. in French Language and Literature.

June 2012

EXPERIENCE

Data Labeling Analyst II

Feb 2026 – Present

Meta (via Tundra Technical Solutions)

- Evaluate LLM chatbot outputs for utility, linguistic naturalness, coherence, and safety to improve model quality.
- Lead linguistics-focused initiatives including targeted error sets, naturalness guidance, and rating protocol refinement.
- Identify recurring linguistic edge cases and failure patterns that inform broader AI quality initiatives.
- Partner with product and engineering teams to iterate on evaluation metrics and support AI feature development.

Human Language Technology Intern

Oct 2024 – May 2025

XRI Global

- Expanded language technology resources for low-resource languages as part of the Bridging the Digital Divide project.
- Designed and implemented PostgreSQL schemas for NLP research, dataset management, and structured language resources.
- Structured and annotated multilingual linguistic datasets to improve accessibility and usability for underrepresented languages.
- Normalized data and organized resources to support cross-language analysis and language technology discovery workflows.

Conversation Analyst

Nov 2022 – Feb 2024

Verint

- Enhanced chatbot performance through NLP-informed analysis, cutting escalations and improving resolution times by 25%.
- Developed data governance strategies that improved data accuracy and information retrieval.
- Supported reporting and analysis using SQL, Power BI, and Excel.

Associate Data Analyst

Jun 2022 – Oct 2022

Grin, Inc.

- Designed SQL-based reporting dashboards that saved more than 10 hours of manual reporting each week.
- Built scalable data pipelines using BigQuery, Sigma Computing, and Salesforce to improve workflow efficiency.

PROJECTS

Bridging the Digital Divide: Where Do We Stand?

- Designed and implemented a relational PostgreSQL schema to model languages, families, translation pairs, and ASR, NMT, and TTS support across 55+ languages.
- Standardized multilingual identifiers and metadata, reconciling heterogeneous public resources into a queryable dataset.
- Built SQL workflows to surface language technology availability and evaluation metrics across languages and regions.

Authorship Identification Analysis

- Built a Python-based corpus analysis workflow using spaCy to tokenize and POS-tag writing samples for stylistic comparison.
- Engineered features including POS distributions, lexical diversity, unique word counts, and hapax legomena.

SKILLS

NLP & AI Evaluation: Linguistic annotation, model evaluation, text processing, classification, prompt engineering, information retrieval, LLM APIs

Languages & Data: Python, R, SQL, PostgreSQL, BigQuery

Data Systems: Data pipelines, feature engineering, statistical modeling, data governance

Analytics & Tools: Power BI, Tableau, GitHub, quality auditing, UI prototyping