

Profile

Digital humanities researcher bridging literary narratology and computational methods. My work develops an “AI narratology” to analyze how narrative emerges across texts, translations, and algorithmic systems.

Education

- 2023-2025 — Master’s in English Literatures and Cultures  
University of Tübingen, Germany  
Thesis: "Beyond Homer and the Human: Affects and Algorithms in Posthuman Odysseys"
- 2021-2022 — Data Science (Professional Certificate)  
University of Toronto, Canada
- 2021 — Digital Humanities (Advanced Diploma)  
Universidad Iberoamericana, CDMX, México
- 2016-2020 — Bachelor's in Modern Languages & Literatures (English)  
Universidad Nacional Autónoma de México (UNAM) - Graduated with Honors

Supplementary Coursework:

- AI Fiction
- Topics in Philosophy of AI
- Functions of Fiction
- Data Science for Linguists
- Understanding LLMs
- Reinforcement Learning for LLMs

Research & Scholarly Activity

- Projects
- **Homer's Living Network:** Digital humanities investigation using data science methods to analyze cultural transformation across English translations of Homer's Odyssey.
  - **Perilexia:** Developed a five-stage algorithm identifying "perilexia" (a coined term)—previously unrecognized lexical patterns structuring character transformation in Victorian novels.
  - **Homerica (Dataset):** A fluid archive documenting the ongoing entanglement between Homeric epic and Anglophone cultural production—a living dataset of retellings, translations, adaptations, and transfigurations.

- Presentations
- ACLA Annual Meeting, Chicago, USA (2020)
  - ACLA Annual Meeting, Utrecht, Netherlands (2017)
  - CLASH, Adam Mickiewicz University, Poznan, Poland (2016)

- Grants
- National Endowment for the Arts and Culture (FONCA) Creative Writing Fellowship, one-year grant for fiction writing in Spanish, México (2014)

Experience

- 2023 — Editor & Quality Auditor: Department of Public Education (SEP) — CDMX, México
  - Edited and proofread manuscripts, ensuring compliance with academic and publishing standards.
  - Collaborated with educators, linguists, and publishing teams to enhance content clarity and structure.
- 2022 — Quality Auditor | Editorial & SEO Specialist: StudySmarter — Germany
  - Audited high school and university-level educational content for accuracy and SEO optimization.
  - Managed content creator teams, improving editorial workflows and quality assurance processes.
  - Developed a natural language processing (NLP) application for cross-platform content consistency.
- 2021-2022 — Quality Auditor & Content Developer: OpenTec — CDMX, México
  - Supervised e-learning content for major clients, aligning it with instructional design best practices.
  - Managed relationships with content teams and corporate partners, ensuring timely project delivery.
  - Audited language management systems for factual accuracy and learning experience optimization.
- 2018-2021 — Editor & Proofreader: Aliat Universidades — CDMX, México
  - Ensured metadata and citation accuracy for higher education and PhD-level research materials.
  - Reviewed academic manuscripts, ensuring compliance with academic publishing standards.
  - Conducted content audits, proofreading, and stylistic edits, improving clarity and reader engagement.

Skills and Tools

- Programming & Data Science
- Python (data science, machine learning, NLP, data visualization)
  - Libraries & frameworks: NLTK, spaCy, HuggingFace Transformers, Textacy, Gensim, Regex
  - Custom tool development (e.g., text etymology attribution)
  - Basic R
- Digital Humanities & Editorial
- Computational text analysis, corpus construction, stylometry, and distant reading methods
  - Markdown, HTML, LaTeX
  - Content management systems (CMS), editorial workflows
- Data Visualization & Analysis
- Pandas, Matplotlib, Seaborn, Plotly
  - Experience creating visualizations for manuscript distributions and lexical networks
- Collaboration & Project Management
- Git & version control for collaborative development
  - Asana, Trello, Slack, Google Workspace, Microsoft Office Suite
- Languages
- English (fluent), Spanish (fluent), German (basic)