

Ana Ezquerro

NLP RESEARCHER & ENGINEER AT UNIVERSITY OF A CORUÑA

✉ ana.ezquerro@udc.es | 🔗 anaezquerro.github.io | in anaezquerro01 | ☎ 0009-0006-2347-9706 | 🎓 aVWJFm0AAAAJ

EDUCATION

M.S. in Artificial Intelligence

University of A Coruña, Faculty in Computer Science

A Coruña, Spain

09/2023 - 03/2025

- Honor distinction in the Master's Thesis: *Graph Parsing as Sequence Labeling*.

B.S. in Data Science and Engineering

University of A Coruña, Faculty in Computer Science

A Coruña, Spain

09/2019 - 07/2023

- Top 1 Academic Record (2019–2023 cohort).
- Honor distinction in the Bachelor's Thesis: *Fully incremental parsing based on neural networks*.

EXPERIENCE

NLP Researcher & Engineer

University of A Coruña, LyS Group

A Coruña, Spain

🔗 07/2023 – Present (full-time, on-site)

- Development of new algorithms for parsing, multimodal systems and efficient methods for DL architectures.
- Tools: Python (PyTorch, HuggingFace, distributed training).

Data Scientist (Internship)

ABANCA, Venancio Salcines Foundation

A Coruña, Spain

02/2023 - 09/2023 (part-time, on-site)

- Implementation of ML and DL models to predict commercial activities in the customer intelligence area.

ML Engineer (Scholarship)

Galician Institute in Technology

A Coruña, Spain

09/2022 – 10/2022 (part-time, hybrid)

- NLP & ASR engineering tasks to design a medical-assistant chatbot with text and audio support.

Research Assistant (Internship)

University of A Coruña, Banco Santander

A Coruña, Spain

🔗 09/2021 – 04/2022 (full-time, on-site)

- Research collaboration with the MODES Group in the Department of Mathematics.
- New method for automatic covariates selection in dynamic regression models for time series analysis.

Research Assistant

Centre for Information and Communications Technology Research (CITIC)

A Coruña, Spain

🔗 07/2021 – 09/2021 (full-time, on-site)

- Analysis and comparison of statistical models against ML techniques in COVID19 data to predict UCI admission in patients.

RESEARCH

- 2025 Ana Ezquerro, David Vilares, Carlos Gómez-Rodríguez. *Better Benchmarking LLMs for Zero-Shot Dependency Parsing*. In The Joint 25th Nordic Conference on Computational Linguistics and 11th Baltic Conference on Human Language Technologies (NoDaLiDa/Baltic-HLT 2025).
- 2024 Ana Ezquerro, David Vilares, Carlos Gómez-Rodríguez. *Dependency Graph Parsing as Sequence Labeling*. In The 2024 Conference on Empirical Methods in Natural Language Processing (EMNLP 2024).
- 2024 Ana Ezquerro, David Vilares. *LyS at SemEval 2024 Task 3. An Early Prototype for End-to-End Multimodal Emotion Linking as Graph-Based Parsing*. In The 18th International Workshop on Semantic Evaluation co-located with The 2024 Annual Conference of the North American Chapter of the Association for Computational Linguistics (NACL 2024).
- 2024 Ana Ezquerro, Carlos Gómez-Rodríguez, David Vilares. *From Partial to Strictly Incremental Constituent Parsing*. In The 18th Conference of the European Chapter of the Association for Computational Linguistics (EACL 2024).
- 2023 Ana Ezquerro, Carlos Gómez-Rodríguez, David Vilares. *On the Challenges of Fully Incremental Neural Dependency Parsing*. In The 13th International Joint Conference on Natural Language Processing and The 3rd Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics (IJCNLP-AAACL 2023).
- 2023 Ana Ezquerro, Brais Cancela, Ana López-Cheda. *On the Reliability of Machine Learning Models for Survival Analysis When Cure Is a Possibility*. In Mathematics 2023, Vol. 11, Nonparametric Statistical Methods and their Applications.
- 2022 Ana Ezquerro, Germán Aneiros, Manuel Oviedo. *New covariates selection method in dynamic regression models with a public implementation in R language*. In The IX Galician R Users Conference organized by MeLiSA and AMTEGA.
- 2022 Ana Ezquerro, Germán Aneiros, Manuel Oviedo. *Automatic covariates selection in dynamic regression models with application to COVID-19 evolution*. In The 5th XoveTIC Conference (XoveTIC 2022) organized by the Centre for ICT Research with the University of A Coruña.

HONORS

- 2024 Master's Scholarship for the Best Academic Access 
- 2024 Department Collaboration Scholarship 
- 2024 Outstanding Degree Award 
- 2024 Outstanding Degree Award 
- 2023 Bachelor's Fellowship by the University Chair "Cátedra CICAS" 
- 2023 Awards for Academic Excellence in Bachelor's Degrees 2021-22 
- 2022 Awards for Academic Excellence in Bachelor's Degrees 2020-21 

University of A Coruña, Banco Santander
Ministry of Education of the Government of Spain
Xunta de Galicia
University of A Coruña
FUAC, Corunet by Sngular
Xunta de Galicia
Xunta de Galicia

SKILLS

- Programming** Python, Java, Matlab, Git, Julia, R, SQL
- Software** Git, Docker, PowerBI, Tableau, LaTeX
- Languages** Spanish (native), Galician (advanced), English (advanced).

COURSES

- Lisbon Machine Learning School 2024 (LxMLS 2024) .