

# Ibai Guillén Pacho

## Artificial Intelligence Researcher

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Leveraging my experience as a researcher in time-aware natural language processing (temporal reasoning, temporal knowledge editing, data drift, etc.), I bring a practical, evaluation-driven perspective to keep language models accurate as contexts change. I have built benchmarks, published peer-reviewed work, and delivered lightweight interventions that improve models reliability over time.

I practice end-to-end open science: all my research is openly published and includes the exact code, data and scripts so that it can be easily reproduced and replicated.

## PROFESSIONAL EXPERIENCE

### Pre-doctoral Researcher at Universidad Politécnica de Madrid (Oct 2022 – Present)

- Developed time-aware methods combined with knowledge representation techniques to perform temporal analysis on large text corpora, with results published in peer-reviewed conferences and journals.
- Awarded a competitive predoctoral grant. Complementary experience includes teaching, science communication, and international collaboration, including a research stay at the University of Turin and the organization of workshops and shared-task evaluations.

### Research Assistant at Universidad Politécnica de Madrid (Mar 2022–Jul 2022)

- Implemented natural language processing techniques for mining the COVID-19 research. Built topic-modeling and language-model-based pipelines to extract themes, and performed temporal analyses of drug-treatment mentions for SARS-CoV-2.

### Consulting Intern at Everis (Sep 2020 – Jul 2021)

- Migrated healthcare client software to the cloud (Microsoft Azure), supported deployments of additional services and API development using Azure components.

### Research Assistant at Deusto Institute of Technology (Oct 2019 – Jun 2020)

- Worked on AUDABLOK, a blockchain-based open-data auditing platform: developed smart contracts, set up and integrated Ethereum nodes, and linked the blockchain layer with the platform to deliver immutable audit trails and dataset provenance.

## EDUCATION

### Universidad Politécnica de Madrid (2021 - Present)

- PhD in Artificial Intelligence (2022 - Present).
- MSc in Artificial Intelligence (2021 - 2022).

### University of Deusto (2017 - 2021)

- BSc in Computer Engineering & Business Digital Transformation (2017 - 2021).

## SKILLS

- |           |                              |                         |
|-----------|------------------------------|-------------------------|
| • Basque  | • Adaptability               | • AI & Machine Learning |
| • English | • Communication              | • Knowledge Graphs      |
| • Spanish | • Leadership & Collaboration | • NLP                   |