

# Iñigo Parra

1215 1/2 12th Street, Apt. A, Tuscaloosa, AL 35401

✉ [iparra@ua.edu](mailto:iparra@ua.edu)

🌐 [iparra.github.io](https://iparra.github.io)

🐙 @IParra

## Personal Profile

Highly motivated individual with excellent social skills and a passion for language and technology. Trilingual speaker and self-taught coder with a strong foundation in Python and R.

## Research Areas

Computational linguistics, low-resource and endangered languages, Natural Language Processing, semantics and pragmatics, bias, prompt engineering

## Education

exp. 2024

**M.A. Romance Languages: Spanish Linguistics**, The University of Alabama

- Coursework: Spanish linguistics, phonetics and phonology, methods in bilingualism, computational research methods

2016-2021

**B.A. in Modern Languages, Specialty in English Studies**, Universidad de Deusto

- Dissertation: Language and Opinion Online: Beliefs on COVID-19 and Socio-political Implications
- Coursework: Language Applications, English linguistics, English grammar, contrastive grammar, second language acquisition

### NON-DEGREE STUDIES

2023

**Seminar On Introduction To Language Technology Applications**, IXA Group Universidad del País Vasco - Euskal Herriko Unibertsitatea.

## Honors & Awards

2022-2024

4.0 GPA, M.A. Romance Languages: Spanish Linguistics. Tuscaloosa, Alabama

2023

Top Contributor AYA Project. Cohere for AI. Toronto, Canada

## Grants & Funding

2023	DHADT Conference Funding. Vanderbilt University
2023	International Conference Funding. The University of Alabama Graduate School
2023	Robert and Ruby Allbritton and María Mantiñán Endowed Scholarship. The National Alumni Association of The University of Alabama

## Publications

### PROCEEDINGS

accepted	<b>Parra, Iñigo</b> (2023). Do You Speak Basquenglish? Assessing Low-resource Multilingual Proficiency of Pretrained Language Models. <i>4th International Conference on NLP Techniques and Applications</i> , London, United Kingdom. Computer Science & Information Technology (CS & IT).
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### WORK IN PROGRESS

manuscript	<b>Parra, Iñigo</b> (2022). Eu2Vec: Improving Basque Sentiment Analysis through Data Augmentation.
manuscript	<b>Parra, Iñigo</b> (2022). Monitoring Second Language Learning with PageRank-Based Student Performance Analysis.
in prep.	<b>Parra, Iñigo</b> ; Lamadrid, Kate; Koronkiewicz, Bryan (2023). Asymmetrical p-stranding: Acceptability Data from Spanish-English Code-switching.
submitted	<b>Parra, Iñigo</b> (2023). The Turing Test Meets Dungeons & Dragons: A Comparative Study of Role-Playing and Standard Prompts in Language Models.
in prep.	<b>Parra, Iñigo</b> (2023). UnMASKed: Quantifying Gender Biases in Masked Language Models through Linguistically Informed Job Market Prompts.

## Presentations

### CONFERENCE TALKS

2022	<b>Iñigo Parra</b> . Computational Linguistics and AI: Do Machines Follow Grammar Rules? University of Alabama Language Conference, February 14th. Tuscaloosa, Alabama.
2023	<b>Iñigo Parra</b> . The Dark Side of AI: Identifying Extremism and Battling Political Polarization. Digital Humanities Against Dark Times, April 13th. Nashville, Tennessee.
2023	<b>Parra, Iñigo</b> (2023). Do You Speak Basquenglish? Assessing Low-resource Multilingual Proficiency of Pretrained Language Models. 4th International Conference on NLP Techniques and Applications (NLPTA), November 24th. London, United Kingdom.

## Projects

2022-present **Iñigo Parra (PI)**, Jamike Okoroji (RA). The Visibility Project  
2023-present **Iñigo Parra (Language Ambassador)**. AYA Cohere For AI

## Teaching

### TEACHING ASSISTANT

Fall 2022 Spanish 102, The University of Alabama, Tuscaloosa  
Spring 2023 Spanish 101, The University of Alabama, Tuscaloosa

### INSTRUCTOR

Fall 2023 Spanish 101, The University of Alabama, Tuscaloosa  
Spring 2024 Spanish 102, The University of Alabama, Tuscaloosa

### OTHER TEACHING EXPERIENCE

2022-2024 Department of Spanish Undergraduate Mentor, The University of Alabama

## Professional Service

2023 Graduate Student Association Delegate, The University of Alabama  
2023 Mentor, LSA Linguistics Mentoring Alliance

### REVIEWS

2023 *EMNLP WiNLP 2023 Abstract Peer-Reviewing*

## Skills

### LANGUAGES

Spanish (native)  
Basque (native)  
English (advanced)  
German (elementary)  
French (reading)  
Latin (reading)

## COMPUTING

Python: Pandas, NumPy, Tensorflow, Scikit-Learn, Pytorch, NLTK, HuggingFace

R: ggplot2, tidyr

LaTeX

HTML & CSS

## Memberships

Linguistic Society of America

Last updated: September 26, 2023