

# Iñigo Parra

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## 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

## Education

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|--------------------|--|
| exp. 2024          | <b>M.A. Romance Languages: Spanish Linguistics</b> , The University of Alabama <ul style="list-style-type: none"><li>• Coursework: Spanish linguistics, phonetics and phonology, methods in bilingualism, computational research methods</li></ul> |
| 2016-2021          | <b>B.A. in Modern Languages, Specialty in English Studies</b> , Universidad de Deusto <ul style="list-style-type: none"><li>• Thesis title: Language and Opinion Online: Beliefs on COVID-19 and Socio-political Implications</li></ul>            |
| NON-DEGREE STUDIES |  |
| 2023               | <b>Seminar On Introduction To Language Technology Applications</b> , IXA Group Universidad del País Vasco - Euskal Herriko Unibertsitatea  |

## Honors & Awards

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|-----------|---|
| 2022-2024 | 4.0 GPA, M.A. Romance Languages: Spanish Linguistics. Tuscaloosa, Alabama |
| 2023      | Top Contributor. AYA 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; VanMeter, R.; 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 and Lab Work

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

## Teaching

### TEACHING ASSISTANT

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

### INSTRUCTOR

Fall 2023 Spanish 101, The University of Alabama  
Spring 2024 Spanish 201, The University of Alabama

### OTHER TEACHING EXPERIENCE

2022-2023 Department of Spanish Undergraduate Mentor, The University of Alabama

### WORKSHOPS PRESENTED

**Iñigo Parra**. R for Data Analysis. LingUA Lab, September 19th, Tuscaloosa, AL.  
**Iñigo Parra**. Introduction to Basque. October 23rd, Tuscaloosa, AL.

## Professional and Academic Service

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

## Skills

### LANGUAGES

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

## COMPUTING

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

R: ggplot2, tidyr

LaTeX

HTML & CSS

## Memberships

Linguistic Society of America

Last updated: October 16, 2023