Iñigo Parra

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

✉ iparra@ua.edu
🌐 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 Sociopolitical 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 Best Graduate Presentation UA Language Conference. Tuscaloosa, Alabama
2022 4.0 GPA, M.A. Romance Languages: Spanish Linguistics. Tuscaloosa, Alabama
2023 Top Contributor AYA Project. Cohere for AI. Toronto, Canada

Grants & Funding

2022   The University of Alabama Graduate Studies Scholarship. The University of Alabama

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   **Parra, Iñigo** (2023). Do You Speak Basquenglish? Assessing Low-resource Multilingual Proficiency of Pretrained Language Models. *4th International Conference on NLP Techniques and Applications*, London, United Kingdom. Computer Science & Information Technology (CS & IT).

WORK IN PROGRESS

manuscript   **Parra, Iñigo** (2022). Eu2Vec: Improving Basque Sentiment Analysis through Data Augmentation.

manuscript   **Parra, Iñigo** (2022). Monitoring Second Language Learning with PageRank-Based Student Performance Analysis.

in prep.   **Parra, Iñigo**; Lamadrid, Kate; Koronkiewicz, Bryan (2023). Asymmetrical p-stranding: Acceptability Data from Spanish-English Code-switching.

submited   **Parra, Iñigo** (2023). The Turing Test Meets Dungeons & Dragons: A Comparative Study of Role-Playing and Standard Prompts in Language Models.

in prep.   **Parra, Iñigo** (2023). UnMASKed: Quantifying Gender Biases in Masked Language Models through Linguistically Informed Job Market Prompts.

Presentations

CONFERENCE TALKS

2022   **Iñigo Parra**. Computational Linguistics and AI: Do Machines Follow Grammar Rules? University of Alabama Language Conference, February 14th. Tuscaloosa, Alabama.

2023   **Iñigo Parra**. The Dark Side of AI: Identifying Extremism and Battling Political Polarization. Digital Humanities Against Dark Times, April 13th. Nashville, Tennessee.

2023   **Parra, Iñigo** (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), Samuel Oluyemi (RA), David Tezil (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

2022   Organizer, The UA Language Conference (UALC)

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