Iñigo Parra

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🌐 iparra.github.io

Research Areas & Interests

Computational linguistics, NLP, speech and computation, language model explainability, language models and the brain

Education

exp. 2029	**Ph.D. Linguistics, UC Berkeley**
	• Computational Linguistics, Speech and Computation, Deep Learning, Cognitive Science
2022-2024	**M.A. Romance Languages: Spanish Linguistics, The University of Alabama**
	• 4.0 GPA
2016-2022	**B.A. in Modern Languages, Specialty in English Studies, Universidad de Deusto**
	• Thesis title: Language and Opinion Online: Beliefs on COVID-19 and Socio-political Implications

Non-degree studies

2023	Seminar On Introduction To Language Technology Applications, IXA Group Universidad del País Vasco - Euskal Herriko Unibertsitatea

Grants & Funding

2023-2024	Robert and Ruby Allbritton and María Mantiñán Endowed Scholarship. National Alumni Association of The University of Alabama
2023-2024	International Conference Funding. The University of Alabama Graduate School
2023	DHADT Conference Funding. Vanderbilt University

Publications

Proceedings

2024   Parra, Iñigo (2024). Noise Be Gone: Does Speech Enhancement Distort Linguistic Nuances?. Field Matters @ The 62nd Annual Meeting of the Association for Computational Linguistics (ACL 2024), August 11th-16th, Bangkok.

2024   Parra, Iñigo (2024). UnMASKed: Quantifying Gender Biases in Masked Language Models through Linguistically Informed Job Market Prompts. European Chapter of the Association of Computational Linguistics (EACL) ERW, February 22nd, Malta.

2023   Parra, Iñigo (2023). Do You Speak Basquenglish? Assessing Low-resource Multilingual Proficiency of Pretrained Language Models. EMNLP, Proceedings of the The Seventh Widening NLP Workshop (WiNLP), December 6th, Singapore.

Work in progress

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

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

Presentations

Conference Talks

2024   Parra, Iñigo (2024). Noise Be Gone: Does Speech Enhancement Distort Linguistic Nuances?. Field Matters @ ACL 2024, August 11th-16th, Bangkok.

2024   Parra, Iñigo (2024). UnMASKed: Quantifying Gender Biases in Masked Language Models through Linguistically Informed Job Market Prompts. European Chapter of the Association of Computational Linguistics (EACL) ERW, February 22nd, Malta.

2023   Iñigo Parra. Do You Speak Basquenglish? Assessing Low-resource Multilingual Proficiency of Pretrained Language Models. EMNLP, The Seventh Widening NLP Workshop (WiNLP), November 24th. Singapore.

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

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

Invited

2023   Iñigo Parra. Challenges and Opportunities for Low & Mid Resource Languages. Cohere for AI, December 15th.

Projects and Lab Work

2024-present Dr. Gašper Beguš (PI), Iñigo Parra (RA). Speech and Computation Lab. Berkeley, CA.
2023-present Dr. Sara Hooker (PI), Iñigo Parra (Basque Language Ambassador and Top Contributor). AYA Cohere for AI. Toronto, Canada.
2022-2024 Iñigo Parra (PI), Jamike Okoroji (RA). The Visibility Project
2022-2024 Dr. Erin O'Rourke, Dr. Bryan Koronkiewicz, Dr. Laura Rubio, Dr. Alicia Cipria, Iñigo Parra (Member) LingUA Lab

Experience

Consultant

2024-present D-Lab Consultant Fellow (NLP, Data Analysis, Deep Learning), UC Berkeley

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
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. SP 502, October 23rd, Tuscaloosa, AL.

Professional and Academic Service

2023 Graduate Student Association (GSA) Delegate, The University of Alabama
2023 Graduate Student Association (GSA) Academic Program Member, The University of Alabama
2023 Graduate Student Representative at the Modern Languages and Classics (MLC) Faculty, The University of Alabama
2023 Mentor, LSA Linguistics Mentoring Alliance

2024   CoNLL @ EMNLP 2024, Miami, FL
2024   The 11th Inter-Varietal Applied Corpus Studies (IVACS), University of Cambridge, UK
2023   EMNLP WiNLP 2023, Singapore

Skills

Computing

Python (PyTorch, Tensorflow, Hugging Face, Scikit-Learn, NLTK, Pandas, NumPy)
R (ggplot2, tidyverse, praatpicture, topicmodels)
HTML & CSS
LaTeX
Praat

Languages

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

Memberships

Linguistic Society of America (LSA)