Iñigo Parra

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Personal Profile

Highly motivated individual with excellent social and leadership skills and a passion for technology. Trilingual speaker and adept at communicating with individuals from diverse backgrounds. Self-taught coder with a strong foundation in Python. A hard-working individual with linguistics expertise.

Research Areas

Computational linguistics, Natural Language Processing, low-resource and endangered languages, 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 Best Graduate Presentation UALC. 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** (2023). Monitoring Second Language Learning with PageRank-Based Student Performance Analysis.
in prep.   Koronkiewicz, Bryan; **Parra, Iñigo** (2023). *title to be decided*.
in prep.   **Parra, Iñigo** (2023). The Turing Test Meets Dungeons & Dragons: A Comparative Study of Role-Playing and Standard Prompts in Language Models.

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.
2024   Bryan Koronkiewicz (Presenter), **Iñigo Parra**, Riley VanMeter, Jordyn Battistelli, Kate Lamadrid, Sydney Humpfrey. Asymmetrical p-stranding: Acceptability Data from Spanish-English Code-switching. Bilingualism in the Hispanic and Lusophone world (BHL), Benemérita Universidad Autónoma de Puebla, January 12th. Puebla, Mexico.

Projects

2022-present	**Iñigo Parra (PI)**, Samuel Oluyemi (RA), Onye Igbo (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 101, The University of Alabama, Tuscaloosa

OTHER TEACHING EXPERIENCE

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

Professional Service

ORGANIZING

2022	Organizer, The University of Alabama 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
R: ggplot2
LaTeX
HTML & CSS

Memberships

Linguistic Society of America