

Viviane Ito

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Research interests

Computational linguistics, natural language processing, computational social science

Education

- 2022 – Present **University of São Paulo** – São Paulo, Brazil
MA in Linguistics
Advisor: Professor Marcos Lopes.
- 2016 – 2021 **University of São Paulo** – São Paulo, Brazil
BA in Linguistics and Portuguese
Advisors: Professor Marcos Lopes, Professor Alexander Yao Cobbinah.
- 2013 – 2014 **Fundacao Getulio Vargas** – São Paulo, Brazil
Executive Studies in Administration.
Awarded best student in class.
- 2006 – 2010 **University of São Paulo** – São Paulo, Brazil
BA in Communications.

Honors and scholarships

- 2022 UNIVESP
TA funding for supporting classes for undergraduate students.
- 2022 CAPES
MA scholarship (interrupted due to change of address).

Research experience

- January 2021 –
March 2022 **Gender Bias in Sports Careers: A Computational Linguistics Study**
Advisor: Professor Marcos Lopes (University of São Paulo).
In this work, I developed a supervised text classifier (Naïve Bayes). The task was to classify texts according to the gender of the speaker (female/male), eliminating gender markers such as proper names and morphemes. Then, by extracting classifying features, it was possible to determine the biases present in the corpus.

August 2021 – **Discourse and Pain**
January 2022 *Advisor: Professor Mariana Pascual (Pontificia Universidad Catolica de Chile).*
In this project, I had to perform quantitative analysis in a corpus of interviews with Chilean native Spanish speaking patients with endometriosis. By using word embeddings, cosine similarity, n-grams and other NLP methods, I extracted the main patterns in the description of the patients' experiences with chronic pain.

Teaching experience

October 2022 – **Teaching assistant, (UNIVESP)**
Present

February 2021 – **Teaching assistant, Non-indoeuropean Linguistics (University of São Paulo)**
August 2021 *Advisor: Professor Alexander Yao Cobbinah (University of São Paulo).*

Service

July 2022 **ENAPOL (Co-organizer)**
Integrated the organizing committee of the Linguistics Graduate Studies Annual Meeting at the University of São Paulo.

December 2022 **EMNLP 2022 (Student Volunteer)**
Selected as a volunteer on the virtual volunteering program for students.

Technical skills

Programming languages

Proficient in: Python (pandas, NLTK, spaCy, sci-kit learn, gensim, Matplotlib)
Familiar with: R

Software

Praat, ELAN, SQL, \LaTeX , Excel, DataViz tools (PowerBI, Google Datastudio)

Languages

Portuguese (native), English (fluent), Spanish (advanced), French (basic), Japanese (basic), Bambara (basic), Tupi (basic).

Talks and tutorials

May 2022 Identifying Speech Acts Based on Computational Linguistics
ENAPOL, Linguistics Graduate Studies Annual Meeting

June 2022 Exploring Chronic Diseases Narratives
Congreso Internacional sobre Emociones, Discursos y Argumentación

Working Paper

2022 **Exploring Chronic Diseases Experiences: A corpus-based approach**
Viviane Ito, Mariana Pascual

Industry experience

2021-2022 **PYXYS (Head of Growth Marketing)** – São Paulo, Brazil
Developed the growth plan for the startup, focusing on content and PR strategy, and client acquisition.

2016-2021 **SA365 (Head of Insights)** – São Paulo, Brazil
Developed dashboards, results reports, and targets for marketing initiatives.

Other interests

I am a coffee barista and I often practice yoga. I also have experience on volunteering for dog shelters.