

Ruan Chaves Rodrigues

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Education

- **University of the Basque Country & University of Malta**
Erasmus Mundus Master in Language and Communication Technologies **Spain & Malta**
September 2021 – July 2023
 - Erasmus Mundus Scholarship
- **Federal University of Goiás**
Bachelor's degree, Computer Science **Brazil**
January 2017 – June 2021
 - Outstanding Student Award by the Institute of Informatics (INF/UFG)
 - Certificate of Honor by the University Council of the Federal University of Goiás (UFG)

Experience

Recognai

Data Science Intern

Spain

November 2021 – May 2022

- Contributed to [Rubrix](#), an open source framework for data annotation and monitoring.
- Wrote tutorials on how to integrate [Rubrix](#) with tools for weakly supervised learning, e.g. [skweak](#) and [epoxy](#).
- Implemented research on automatic data annotation and improved pipeline accuracy by around 4%.

AI Center of Excellence (CEXIA) & Deep Learning Brasil

Researcher

Brazil

August 2020 – June 2021

- Designed and implemented internal chatbots for one of the top 10 energy trading companies in Brazil.
- Investigated how to deploy transformer architectures for intent detection under low-resource settings.

Accomplishments

◆ **1st place** at three international Natural Language Processing competitions:

- [ASSIN 2 @ STIL 2019](#) (*Deep Learning Brasil team*) [[GitHub](#)] [[Paper](#)]
- [COLIEE 2021 @ ICAIL 2021](#) (*NeuralMind team*) [[GitHub](#)] [[Paper](#)]
- [ABSAPT @ IberLEF 2022](#) (*Deep Learning Brasil team*) [[Paper](#)]

Projects

- ◆ Created [Hashformers](#), a framework for hashtag segmentation that outperformed the previous state-of-the-art.
- ◆ [Fixed a severe bug](#) on widely utilized Portuguese word embeddings, and [published my findings](#) at [PROPOR](#), the main NLP conference for the Portuguese language.
- ◆ Fixed bugs on the Hugging Face [transformers](#) and [BLINK](#) libraries.

Skills

- ◆ **Languages:** Python, JavaScript, Bash
- ◆ **Tools:** Git, Linux, Docker, GCP, AWS, Node.js, PyTorch, transformers
- ◆ **Skills:** Deep Learning, Databases, Algorithms and Data Structures