

# 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)
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## Experience

### Recognai

*Data Science Intern*

**Spain**

*November 2021 – May 2022*

- Wrote documentation for [Rubrix](#), an open source NLP library for data annotation and management.
- Implemented research on automatic data annotation and improved pipeline accuracy by around 4%.

**Tools:** Python, NumPy, spaCy, Transformers

### 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.
- Applied NLP techniques to deal with data scarcity in low-resource domains across several tasks.

**Tools:** Python, JavaScript, Node.js, Rasa, Docker, PyTorch, Transformers

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## Accomplishments

- ◆ **1st place** at three international Natural Language Processing competitions:
    - [ASSIN 2 @ STIL 2019](#) ( *Deep Learning Brasil team* ) [[GitHub](#)]
    - [COLIEE 2021 @ ICAIL 2021](#) ( *NeuralMind team* ) [[GitHub](#)]
    - [ABSAPT @ IberLEF 2022](#) ( *Deep Learning Brasil team* )
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## 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. Also fixed bugs on the [transformers](#) and [BLINK](#) libraries.