

LEONARDO F. R. RIBEIRO

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Citizenship: Brazil

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📍 Darmstadt, Germany

Google Scholar
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EDUCATION

Nov. 2018 – now 📍 Darmstadt, Germany

PhD in Computer Science, [Technische Universität Darmstadt](#)

- Topic: Graph-based Neural Methods for Natural Language Generation
- Advisor: Iryna Gurevych

2015 – 2018 📍 Rio de Janeiro, Brazil

MSc in Computer and Systems Engineering, [Universidade Federal do Rio de Janeiro](#)

- Thesis: [Learning Network Node Representations from Structural Identity](#)
- Advisor: Daniel Ratton Figueiredo

2009 – 2014 📍 Belo Horizonte, Brazil

BSc in Computer Engineering, [Centro Federal de Educação Tecnológica de Minas Gerais](#)

- Silver Medal - Ranked 2nd in my class

2012 – 2013 📍 San Sebastian, Spain

Computer Science, International student, [Universidad del País Vasco](#)

- Brazil Scientific Mobility Program, awarded fully-funded fellowship

SELECTED PUBLICATIONS

- Leonardo F. R. Ribeiro, Yue Zhang and Iryna Gurevych. [Structural Adapters in Pretrained Language Models for AMR-to-text Generation](#). 2021 Conference on Empirical Methods in Natural Language Processing and the 9th International Joint Conference on Natural Language Processing (EMNLP)
- Leonardo F. R. Ribeiro, Jonas Pfeiffer, Yue Zhang and Iryna Gurevych. [Smelting Gold and Silver for Improved Multilingual AMR-to-Text Generation](#). 2021 Conference on Empirical Methods in Natural Language Processing and the 9th International Joint Conference on Natural Language Processing (EMNLP)
- Leonardo F. R. Ribeiro, Martin Schmitt, Hinrich Schütze and Iryna Gurevych. [Investigating Pre-trained Language Models for Graph-to-Text Generation](#). NLP4ConvAI, EMNLP 2021
- Leonardo F. R. Ribeiro, Philipp Dufter, Iryna Gurevych, Hinrich Schütze. [Modeling Graph Structure via Relative Position for Text Generation from Knowledge Graphs](#) Martin Schmitt, TextGraphs-15, NAACL 2021
- Leonardo F. R. Ribeiro, Yue Zhang, Claire Gardent and Iryna Gurevych. [Modeling Global and Local Node Contexts for Text Generation from Knowledge Graphs](#), Transactions of the Association for Computational Linguistics (TACL), 2020
- Leonardo F. R. Ribeiro, Claire Gardent and Iryna Gurevych. [Enhancing AMR-to-Text Generation with Dual Graph Representations](#), 2019 Conference on Empirical Methods in Natural Language Processing and the 9th International Joint Conference on Natural Language Processing (EMNLP)

- Tobias Falke, Leonardo F. R. Ribeiro, Prasetya Utama, Ido Dagan and Iryna Gurevych. [Ranking Generated Summaries by Correctness: An Interesting but Challenging Application for Natural Language Inference](#), 57th Annual Meeting of the Association for Computational Linguistics (ACL), 2019
- Leonardo F. R. Ribeiro, Pedro H. P. Saverese, Daniel R. Figueiredo. [struc2vec: Learning Node Representations from Structural Identity](#), ACM SIGKDD 2017. <https://bit.ly/31TbxHn>
- Leonardo F. R. Ribeiro, Daniel R. Figueiredo. [Ranking lawyers using a social network induced by legal cases](#), Journal of the Brazilian Computer Society, 23(6) 2017
- Complete list on:
https://scholar.google.com.br/citations?user=92j4_4wAAAAJ

RELEVANT PROFESSIONAL EXPERIENCE

2018 – now 📍 Darmstadt, Germany

Researcher, UKP Lab, TU Darmstadt

- I'm broadly interested in the intersection of deep learning (graph representation learning and graph neural networks) and natural language processing (NLP).
- My current research focuses are on neural graph methods for natural language generation (e.g., text generation and summarization using graph-based data).

Jun 2021 – Sept 2021 📍 Seattle, US (virtually)

Applied Scientist Intern, Alexa AI, Amazon

- Worked on improving factuality for neural abstractive summarization. Advised by Markus Dreyer, Mengwen Liu and Mohit Bansal.

2015 – 2018 📍 Rio de Janeiro, Brazil

IT Specialist, Labor Court of Rio de Janeiro

- Worked on the development of the Electronic Judicial Process. The system holds 6 millions of legal proceedings and about 900 million users registered. Java, Javascript, Angular, HTML.

2013 – 2015 📍 Belo Horizonte, Brazil

IT Specialist, Labor Court of Minas Gerais

- Design and implementation of systems for the Federal Justice. Java, Javascript.

2009 – 2013 📍 Timóteo, Brazil

Software Developer, Federal Center for Technological Education of Minas Gerais

- Development and maintenance of various academic-related systems. PHP, Python, MySQL, Linux, Shell Script.

AWARDS & FELLOWSHIPS

- 2019 - **Honorable Mention** on the DATAH Master Dissertation Artificial Intelligence Contest in Brazil
- 2018 - **Best Master's Thesis Award**. 11th Thesis and Dissertation on Artificial and Computational Intelligence Contest in Brazil
- 2012-2013 - **Science Without Borders scholarship** from the Brazilian government to study one year at the Universidad del País Vasco, Spain

- 2016 - **Honorable Mention** for paper in Brazilian Workshop on Social Network Analysis and Mining(BraSNAM)
- 2014 - **Silver Medal** in graduating class for Computer Engineering
- 2008 - **Gold Medal** in graduating class for Technical Degree of Informatics

SKILLS

Python, Linux, Java

Pytorch, TensorFlow

Languages: Portuguese (native), English (fluent), Spanish (intermediate), German (basic)

