

Gonçalo M. Correia

Has a Ph.D. in Machine Learning, which was supervised by [André Martins](#) and [Vlad Niculae](#). [ELLIS](#) Ph.D. between Lisbon and Amsterdam. Positive that has the ability to learn quickly the finer details of any application of ML.

EDUCATION

Inst. Sup. Técnico (Lisbon) and Uni. of Amsterdam — Ph.D. in Electrical and Computer Eng. (Specialized in ML)

2018 - 2022

My Ph.D. journey has not only taught me valuable skills in Machine Learning, Deep Learning, and Natural Language Generation, but also to be self-taught and autonomous. I have published in top-tier venues during these years.

The University of Edinburgh, Edinburgh — M.Sc. in Artificial Intelligence (Specialized in ML)

2016 - 2017

Learned the foundations of Machine Learning, Deep Learning, and NLP.

Inst. Sup. Técnico, Lisbon — B.Sc. in Biomedical Engineering

2012 - 2016

EXPERIENCE

Priberam, Lisbon — Senior Research Scientist

2022 - Present

Development of neural network models as part of the labs team.

Inst. Sup. Técnico, Lisbon — Invited Assistant Professor

2022 - Present

Lecturer of exercise classes for Machine Learning (3rd year, bachelor's) and Deep Learning (1st year, master's).

Unbabel, Lisbon — Summer Intern

MAY 2016 - AUGUST 2016

Development of a Language Identification Tool capable of distinguishing between several languages and particularly between language varieties.

SELECTED PUBLICATIONS

Efficient Marginalization of Discrete and Structured Latent Variables via Sparsity — Gonçalo M. Correia, Vlad Niculae, Wilker Aziz, André Martins

★ Spotlight Paper, in *Proceedings of NeurIPS*, 2020

[Cited](#) by 12, [open-source code](#) starred 18 times.

Adaptively Sparse Transformers — Gonçalo M. Correia, Vlad Niculae, André Martins

🗣️ Oral Presentation, in *Proceedings of EMNLP*, 2019

[Cited](#) by 114, [open-source code](#) starred 296 times.

A Simple and Effective Approach to Automatic Post-Editing with Transfer Learning — Gonçalo M. Correia, André Martins

📄 Poster, in *Proceedings of ACL*, 2019

[Cited](#) by 28, [open-source code](#) starred 25 times.

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KNOWLEDGE

Machine Learning (ML) and Statistics, Deep Learning

Numerical/Statistical Programming

Natural Language Processing and Generation, Transformers, Pre-trained Models

Generative and Latent Variable Models, Weakly and Semi-Supervised Learning

TOOLS (PROFICIENT)

Python, PyTorch, PyTorch Lightning, HuggingFace's Transformers, Weights & Biases, TensorBoard, Git, NumPy, LaTeX, Matplotlib

VOLUNTARY TEACHING

Teaching Assistant in Deep Structured Learning at IST, 2019

Summer School Monitor at LxMLS, 2018 and 2019

Instructor of Text Classification Specialization at Lisbon Data Science Starters Academy, 2018

AWARDS

Summa Cum Laude
Instituto Superior Técnico, 2022

First Honors with Distinction
The University of Edinburgh, 2017

Academic Merit Award
Instituto Superior Técnico, 2015 and 2016

