António Góis

Work Experience   [Website](#)   antoniogois@gmail.com

Mila — *PhD Student Researcher (Montréal, Canada)*   Sep 2021 — present
- Bayesian Structure Learning with Generative Flow Networks — [Deleu et al., 2022 (UAI '22)](#)

DeepSPIN, IT — *Research Assistant (Lisbon, Portugal)*   Jul 2020 – Jun 2021
- ERC-funded project on deep structured prediction for natural language (focus on causal representations)

New York University — *Visiting academic, affiliated with Unbabel (New York City, USA)*   Sep 2019 – Jan 2020
- Research visit under the supervision of Prof. Kyunghyun Cho working on Non-sequential Translation Models

Unbabel — *Junior Research Scientist (Lisbon, Portugal)*   Jul 2018 – Apr 2020
Applying deep learning to solve natural language processing tasks related to Machine Translation:
- Learning latent representations of editor behavior using their keystrokes — [Góis & Martins, 2019 (MT Summit '19)](#)
- Winning participation in Quality Estimation Shared Task — [Kepler et al., 2019 (WMT '19)](#)
- Non-sequential Post-Editing system learned from human keystrokes — [Góis, Cho & Martins, 2020 (EAMT '20)](#)

Lisbon Machine Learning School (LxMLS) — *Senior Lab Monitor (Lisbon, Portugal)*   Jul 2017 – Jul 2022
- Teaching Machine Learning Topics to classes mostly composed of international PhD students

GAIPS, INESC-ID — *Graduate Student Research Grant (Lisbon, Portugal)*   Jan – Jul 2018
- Studying climate change dilemmas with evolutionary game theory — [Góis et al., 2019 (Nature's Scientific Reports)](#)

Probabilistic AI Summer School (ProbAI) — *Volunteer (Trondheim, Norway)*   Jun 2019 – Jun 2022
- Helping the school organization and attending lectures on variational inference and probabilistic programming

Feedzai — *Data Science Research Intern (Lisbon, Portugal)*   Jul – Aug 2017
- Developing new algorithms for fraud detection using Machine Learning

SISCOG – Sistemas Cognitivos SA — *Part-Time Operations Research Analyst (Lisbon, Portugal)*   Feb – Oct 2016
- Developing planning algorithms using operations research optimization to improve railway planning products

McKinsey & Company — *Summer Analyst (Lisbon, Portugal)*   Jul 2015
- Responsibilities on par with role of fulltime McKinsey Business Analyst, at a major banking group

Education

Mila & Université de Montréal – *Computer Science Ph.D.*   Montréal, Portugal
Sep 2021 – Present| PhD supervised by Prof. Simon Lacoste-Julien

Instituto Superior Técnico – *Computer Engineering M.Sc. (Intelligent Systems specialization)*   Lisbon, Portugal
*Sep 2015 – Jun 2018 | **Final GPA: 19/20, Academic Excellence Scholarship (best student in 2016/17)***

NOVA School of Business and Economics – *Business Administration Degree*   Lisbon, Portugal
Sep 2011 – Jun 2014 | Final GPA: 17/20 (Top 10%), courses including Macroeconomics (19/20) and Microeconomics (18/20)

CityU of Hong Kong – *Exchange Program*   Hong Kong, China
Sep 2013 – Jan 2014

Universidade de Coimbra – Electrical and Computer Engineering Degree (Drop out)   Coimbra, Portugal
Sep 2009 – Jun 2010 | First Year Completed, Including Programming Courses: Digital Systems (17/20) and C++ Programming (19/20)

Interests, Activities & Honours

Music Student/Performer (Sítio de Sons, Hot Clube de Portugal, Freelance) | 2006 – Present
- Hot Clube de Portugal – Jazz Guitar performance 4-year-long course, finished in June 2015
- Won 2nd place out of 13 schools *(2011)*, in Portugal's biggest Jazz Competition at Teatro Nacional S. Luiz

Volunteer as a Mathematics tutor (through the social program "SPOT") | Jan – Jun 2018
- Working one-on-one with a 14-year-old in Bairro Padre Cruz, Lisboa

Language Skills

Languages: Native in Portuguese, Proficient in English (Cambridge CPE), Conversational Fluency in Spanish and French, Level A1.2 in Mandarin (Hong Kong City University and Confucius Institute)