

Candidatura

Full name: Leila Weitzel Coelho da Silva

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date and place of birth: 25/06/1959, Rio de Janeiro

marital status divorced

occupation professor

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While studying for my M.Sc. degree in Computer Science at State University of Rio de Janeiro, I developed a particular interest in the Neural Network. My M.Sc. thesis supervised by Dr. Joaquim Teixeira de Freitas was on Artificial Intelligence, which engendered my interest in Artificial Neural Network – ANN. After completing my M.Sc., I undertook a Ph.D. also in Computer Science at Federal University of Rio Grande do Sul – UFRGS under supervision of Dr. José Moreira Palazzo. While studying there I met Professor Paulo Quaresma, whose enthusiasm and innovative experimental approaches to the study of Natural Language Processing were an inspiration to my work.

My main researches were on Machine, Deep Learning and Natural Language Processing. The first project aims to detect Figurative Language (mainly sarcasm and irony during 2015-2016) Another project (2016 - 2018) was on Information Extraction. It is an important task in text mining and has been extensively studied in various research communities. The research adjusted and evaluated the ReVerb and OpenNLP tools for Portuguese pt-BR.

Two other projects terminated in 2019: “*Natural Language Processing and Machine Learning or Fake News Detection.*” and “*Aspect-Based Opinion Mining*”. Both research intends to explore possibilities of application of different methods (i.e., language model) considering the domain complexity related to Natural Language Processing (NLP) techniques in Brazilian Portuguese language (PT-BR).

I currently (2020 -) have a project that handle with hate speech and offensive language detection using Deep Learning and Natural Language Processing.

I now wish to continue my academic career with a Post-doc position, and I cannot imagine a better place to study. It would be the ideal location for my project on NLP Deep Learning and Machine Learning. I am confident that my research interests fit perfectly with your description of the ideal candidate.

Professional status

- Associated Professor at the Department of Computer Science at Fluminense Federal University (UFF – Universidade Federal Fluminense) since 2015.
- Associated Professor at Master Degree Program - Production Engineering and Computer Systems (MESC- Mestrado Profissional em Engenharia de Produção e Sistemas Computacionais - since 2016
- Associated Professor at Federal University of South and Southeast of Pará from 2013 to 2015.
- Associated Professor at Federal University of Pará from 2005 to 2013

Academic Qualifications

Ph.D., Computer Science, Federal University of Rio Grande do Sul, Brazil, 2013.

M.S., Computational Modelling, State University of Rio de Janeiro, Brazil, 1999.