

WILLIAM NILSON DE AMORIM



EDUCATION

2019
|
2015

Ph.D. in Statistics

Institute of Mathematics and Statistics – USP

📍 SP, Brazil

Data science, air pollution and health

2015
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2013

Master in Sciences

Institute of Mathematics and Statistics – USP

📍 SP, Brazil

Hierarchical likelihood in fragility models

2012
|
2007

Bachelor degree in Statistics

Institute of Mathematics and Statistics – USP

📍 SP, Brazil



PROFESSIONAL

Current
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2018

Co-founder, teacher and data scientist

Curso-R/R6

📍 SP, Brazil

2014
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2013

Statistician

Instituto Butantan

📍 SP, Brazil



SELECTED WORKS

Current
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2019

Automation of educational reports

Ayrton Senna Institute

📍 SP, Brazil

Automation of educational data reports to evaluate results from socio-emotional questionnaires.

Current
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2021

CIGA

AECOM

📍 MG, Brazil

Development of the CIGA platform in partnership with MPMG.
Public version link: <https://ciga-mpmg.com.br/>

CONTACT

✉ wamorim@curso-r.com

🐙 [GitHub](#)

🏠 [Webpage](#)

🐦 [@wamorim_](#)

in [Linkedin](#)

🔗 [Lattes](#)

BOOKS

📖 [Ciência de Dados em R](#)
[Programando em Shiny](#)

PROGRAMMING

📊 R

📦 tidyverse and shiny

🔗 Git

🔧 HTML, CSS and JavaScript

- 2023
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2022
- **Improvements to the Sienergia dashboard**
EPE and PTI 📍 RJ, Brazil

Development of an optimization algorithm to assess the utilization of agricultural waste for energy generation.
Construction of a Shiny dashboard for visualizing the solutions.
- 2020
- **COVID Monitoring Dashboard (no longer maintained)**
Hamilton Institute, Maynooth University 📍 Ireland

Development of a Shiny application for monitoring COVID data.
- 2020
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2019
- **Sou da Paz Analisa**
Institute Sou da Paz 📍 SP, Brazil

Development of a Shiny application for monitoring public safety data in the State of São Paulo. Link: <https://sdpa.shinyapps.io/sdpa/>



RESEARCH PROJECTS

- 2021
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2020
- **SDG6 Sao Paulo: evaluation and monitoring of the 2030 Agenda goals**
Department of Public Health – University of São Paulo 📍 SP, Brazil

Link: <https://nara-fspusp.shinyapps.io/ods6-sp/>



TEACHING EXPERIENCE

- Current
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2019
- **R to Data Science I**
Curso-R 📍 Brazil

Link: <https://loja.curso-r.com/r-para-ciencia-de-dados-i.html>
- Current
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2020
- **R to Data Science II**
Curso-R 📍 Brazil

Link: <https://loja.curso-r.com/r-para-ciencia-de-dados-ii.html>
- Current
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2022
- **R to Data Science III**
Curso-R 📍 Brazil

Link: <https://loja.curso-r.com/r-para-ciencia-de-dados-3.html>

Languages

Portuguese: Native

English: Proficient

Spanish: Beginner

French: Beginner

Interests

Science

Philosophy

Stories

Football (soccer)

Writing

Strategy games

Piano

Current 2021	<ul style="list-style-type: none"> ● Data Visualization <i>Curso-R</i> Link: https://loja.curso-r.com/visualizac-o-de-dados.html 	📍 Brazil
Current 2021	<ul style="list-style-type: none"> ● Automatic reports and presentations <i>Curso-R</i> Link: https://loja.curso-r.com/relatorios-e-apresentacoes-automaticas.html 	📍 Brazil
Current 2019	<ul style="list-style-type: none"> ● Dashboards with Shiny I <i>Curso-R</i> Link: https://loja.curso-r.com/construindo-dashboards-i.html 	📍 Brazil
Current 2021	<ul style="list-style-type: none"> ● Dashboards with Shiny II <i>Curso-R</i> Link: https://loja.curso-r.com/construindo-dashboards-ii.html 	📍 Brazil
2020 2018	<ul style="list-style-type: none"> ● Introduction to Machine Learning <i>Curso-R</i> Link: https://loja.curso-r.com/introduc-o-ao-machine-learning.html 	📍 Brazil
2018 2015	<ul style="list-style-type: none"> ● R: from basics to advanced <i>Institute of Mathematics and Statistics – University of São Paulo</i> 	📍 Brazil

Online version

*This resume was made with the
R package **pagedown***

*This resume model was
developed by **Beatriz Milz***

*Code available on  **GitHub***

Last updated on 2023-12-26