Pedro Duarte Faria

Economist and Data Analyst

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Personal website | GitHub | Linkedin | Twitter

1   Why do I want this job ?

- I believe in Quarto's (and RStudio's/Posit's) mission, and I want to be part of it!;

- RMarkdown revolutionized my life, and I want to revolutionize other people's lives with Quarto;

- I want to be closer to the open source community;

2   What makes me a strong candidate ?

- Experienced R and Git user. I recently contributed to the `knitr` package[1];

- Passionate about teaching R and programming[2];

- I have practical experience with Quarto (I have been using it to write my next book);

- I am known in my workplace as a reference that helps and leverage other peoples[3].;

- I have experience with other languages, such as Python[4] and C++[5];

- I have some experience with scientific publishing, and with OBS Studio (to record videos);

3   Education

Federal University of Ouro Preto - UFOP

B.A. Economics, February 2022

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[1] https://github.com/yihui/knitr/pull/2140 ; https://github.com/yihui/knitr/pull/2180

[2] I have many personal projects involving educational content. I have given several lectures and courses about R, and I wrote a introductory book of R (using RMarkdown) to help the Brazilian community - links are available in the "Personal Projects" section. Furthermore, I am writing a new introductory book (using Quarto) for `pyspark`, and I have other future projects in mind about Science and Quarto in Brazil.

[3] You can contact my direct superior to confirm this statement. Her name is Itatiana Carvalho. You can send an email: itatiana.carvalho@take.net; or send a message through Linkedin: https://www.linkedin.com/in/itatiana-carvalho-89565552/

[4] https://github.com/pedropark99/spark_map

[5] https://github.com/pedropark99/passgen

4 Professional Experiences

Data Analyst - Take Blip, May 2021 - *present*

I help clients to make better decisions with data, and to develop their businesses with our product (Blip platform). I develop a lot of data pipelines (using `pyspark`) and dashboards (using Power BI) too. My clients include Sodexo and BMG bank;

Internship at Statistics and Information Department - João Pinheiro Foundation, June 2019 - March 2021

I helped multiple researchers to automate their tasks and data pipelines with R, and I got a lot of experience with processing big and raw data. This was a huge experience for me, and it had a great impact on my book and course projects.

5 Personal projects

Book project, April 2020 - *present*, https://github.com/pedropark99/Introducao_R.

Faria, Pedro Duarte, and João Pedro Figueira Amorim Parga. Introdução à Linguagem R: seus fundamentos e sua prática. 3rd ed. Belo Horizonte, MG, 2022. ISBN 978-65-00-43003-5. Available at: https://pedro-faria.netlify.app/pt/publication/book/introducao_linguagem_r/.

Book project, April 2022 - *present*, https://github.com/pedropark99/Introd-pyspark

The market still lacks a comprehensive introductory book about `pyspark`. To help the community, I am currently building such a book.

Course project, Introductory Course of R, December 2019 - *present*.

A project to build introductory courses of R. Since the project started, we had 3 editions of the course, and we impacted students from 6 different countries[6].

Research project, published in peer-reviewed journal, September 2019 - December 2020.

Faria, Pedro Duarte. COOPERAÇÃO UNIVERSIDADE - INDÚSTRIA NO BRASIL: suas características e desafios, a partir da PINTEC (2000 - 2017). Revista Multiface Online, v. 9, n. 1, p. 05-36, 2021. DOI: https://doi.org/10.29327/223163.9.1-1.

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[6]https://pedro-faria.netlify.app/post/2020-10-17-resultados-do-formulario-de-pesquisa-de-interesse-curso-introdutorio-de-r/