Rodrigo Abreu **Carvalho**

Experiences

Present - Nov 2020

Research Assistant
(Remote)

Privately hired under the supervision of a senior economics researcher.

My **attributions** are to obtain, explore and prepare data sets for further analysis, all of which requires an understanding of the methodology used to produce the data, as well as the hypothesis to be tested.

Jan 2020

Field Researcher
Bahia, Brazil

University of California-Davis and World Bank PAT-LEWIE 2019-2020 Study.

Fieldwork as a surveyor aimed at estimating the economic impact on local populations of ecological tourism at the *Abrolhos* National Park.

2015 - 2014

Internship
Rio de Janeiro, Brazil

Economic Analysis and Risk Management Advisory Body of the Brazilian Securities and Exchange Commission (ASA/CVM).

Attributions: monthly updates of financial market data using Excel, SPSS and the Bloomberg Terminal.

Education
Rio de Janeiro, Brazil

Mar 2021

Bachelor of Economics

Institute of Economics of the Federal University of Rio de Janeiro (IE/UFRJ). Title: Deforestation on Rural Settlements in the Brazilian Amazon.

Mentor: Prof. Romero Cavalcanti Barreto da Rocha.

Present - 2019

Academic Research

Member of the **Environmental Economics Research Group** of the Institute of Economics of the Federal University of Rio de Janeiro (IE/UFRJ).

2021 - 2019

Research Training Program Scholarship (PIBIC/CNPq) preparing data using R programming and performing econometric analysis**.**

Mentor: Romero Cavalcanti Barreto da Rocha.

Contact Info:

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@gmail.com

Profiles:

LinkedIn

GitHub

Portfolio:

Brazilian Academic Curriculum:

http://lattes.cnpq.br/5568158346389229

Qualities:

Self-driven;

experience abroad;

organized.

⊟ Certificates

Mar 2021

Introduction to Power BI - Udemy

Dec 2020

Introduction to Geoprocessing with TerraView 5 – **Latin American Association of Specialists in Remote Sensing (SELPER).** Lectured by Eymar Lopes, PhD of Geosciences of the State University of São Paulo and Head of Data Processing Division of the National Institute of Space Research - DPI/INPE.

Aug 2020 - Mar 2020

Data Science Specialization - Johns Hopkins University' offered via Coursera:

- **The Data Scientist's Toolbox**
  Understand the data, problems, and tools that data analysts use; explain essential study design concepts; GitHub.

- **R Programming**
  Make use of R loop functions and debugging tools; collect detailed information using R profiler; understand critical programming language concepts.

- **Getting and Cleaning Data**
  Apply data cleaning basics to make data "tidy"; obtain usable data from the web, APIs, and databases; use R for text and date manipulation; understand common data storage systems.

- **Exploratory Data Analysis**
  Understand analytic graphics and the base plotting system in R; use advanced graphing systems such as the Lattice system; cluster analysis techniques to locate patterns in data; make graphical displays of very high dimensional data.

- **Reproducible Research**
  Organize data analysis to help make it more reproducible; using knitr; publish reproducible web documents using Markdown; determine the reproducibility of analysis project

Jan 2020

ODK programming – Training Workshop for the "*PAT-LEWIE 2019-2020 Study University of California Davis and World Bank*"

- **Fundamentals in Microsoft Office: Excel, Word, Power Point,** and **Access.**

🌐 Languages

- **English**: proficient;

- **Spanish**: intermediate;

- **Portuguese**: native.