

# Leonardo Rodrigues Ribeiro

## Quality Assurance Analyst



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github.com/leorrib

### PROGRAMMING LANGUAGES



### TECHS, TOOLS AND OTHERS

- Selenium (Java & Python)
- Junit & TestNG
- Rest Assured
- Supertest
- Cucumber & Behave
- Protractor
- Azure Mach. Learn.
- Data Analysis (R)
- SQL
- Git (lab & hub)
- Docker
- AWS basics

### WHO AM I

Data Scientist aspirant, I now work as QA Analyst at Globo. I have a peculiar Educational background: I have a PhD in Physics, obtained at the State University of Rio de Janeiro. I had the privilege of start working as a professor when I was only 25 and in one of the most relevant universities in Brazil, the State University of Rio de Janeiro. Afterwards, I was a Visiting Scholar at the University of Illinois at Urbana-Champaign and, at the age of 30, I was hired by the largest federal university in Brazil, the Federal University of Rio de Janeiro, where I taught a variety of Calculus subjects. At 32, after finishing my phd, I dedicated myself to study the subject of test automation and, today, I work as QA Analyst at Grupo Globo, the largest media company in Brazil.

### PROFESSIONAL EXPERIENCE

2021 (current)	<b>Anl Quality Assurance II</b> Main responsibilities: <ul style="list-style-type: none"><li>- Discussion/comprehension of business rules (with final consumers as well as with the development team).</li><li>- Definition of sets of criteria for a feature to be considered implemented.</li><li>- AWS log reading, mainly focused on bugs. That allows me to write a detailed reporting about the issues, making it easier and faster for developers to solve it.</li><li>- Creating API and UI automated tests (supertest/protractor).</li><li>- Database manipulation (MySQL).</li><li>- Maintenance of the integration between automated testes and the project's pipeline.</li><li>- Participation in the recruitment of new QA Analysts.</li><li>- Training new QA Analysts.</li></ul>	<b>Globo Comunicação e Participações S/A</b>
2020	<b>Test Analyst</b> Main responsibilities: <ul style="list-style-type: none"><li>- Validating the continuous functionality of all the features of the software being developed.</li><li>- Writing automated API and UI tests.</li><li>- Data handling on databases (SQL).</li></ul>	<b>Noesis Consultoria e Programação de Sistemas de Informática LTDA</b>
2017 – 2018	<b>Professor</b> - Subjects taught: Mathematics II, Calculus II and Calculus III.	<b>UFRJ</b>
2015 – 2016	<b>Research Scholar</b> - Research in Condensed Matter Physics (multidimensional bosonization of systems under a weak magnetic field).	<b>University of Illinois at Urbana-Champaign</b>
2013 – 2014	<b>Professor</b> - Subjects taught: Mathematics Applied to Business, Calculus I, Calculus IV and Complex Analysis.	<b>UERJ</b>

## ACADEMIC BACKGROUND

2013 – 2019	<b>PhD (Physics)</b> - Thesis title: A constructive approach to the Bosonization of Fermi Liquids subjected to a homogeneous and weak magnetic field. - Eighteen months spent as a Research Scholar at the University of Illinois Urbana-Champaign. - Scholarship received from Ciência Sem Fronteiras. - Scholarship received from Lehman Foundation. - Scholarship received from Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (CAPES).	UERJ
2011 – 2013	<b>Masters (Physics)</b> - Thesis title: Transições de Fase e Interações Competitivas. - Scholarship received from Conselho Nacional de Pesquisa e Desenvolvimento (CNPQ).	UERJ
2005 – 2010	<b>Bachelor's degree (Physics)</b> - Thesis title: Supercondutividade: A equação de London e o Modelo de Ginzburg-Landau. - Scholarship received from Fundação Carlos Chagas Filho de Amparo à Pesquisa do Estado do Rio de Janeiro (FAPERJ).	UERJ

## TECH EDUCATION

2021	<b>Big Data Analytics with R and Microsoft Azure Machine Learning</b> Discusses the main features of the R language used in Data Science. Besides, it also introduces data visualization and manipulation techniques, aside from analysis and the construction of Machine Learning Models using R and Microsoft Azure Machine Learning. Data Analysis / Machine Learning / Microsoft Azure Machine Learning	DataScienceAcademy
2020	<b>SQL Fundamentals</b> Discusses fundamental skills needed to interact with and query data in SQL. SQL / database	Datacamp
2020	<b>Learn to Code with Python</b> Introduces from core language fundamentals to advanced features like classes, decorators and unit testing. The final project is the development of a poker game. Python / unit testing	Udemy
2020	<b>Python Fundamentals</b> Python basics, including how to clean real-world data ready for analysis and use data visualization libraries. Numpy / Matplotlib / Pandas	Datacamp
2020	<b>SDET/Test Architect Essentials - Road to Full stack QA</b> Introduces the implementation of Docker and discusses Jenkins Pipelines. Docker-Selenium / Jenkins Pipelines	Udemy
2020	<b>Learn Protractor (Angular Testing) from scratch + Framework</b> Discusses the creation of User Interface automated tests using protractor. Protractor / Javascript / Typescript	Udemy
2020	<b>NodeJS Rest - ExpressJS Mongoddb - Jest Unit/Int Test - 2020</b> Develops a Rest API by using NodeJS/ExpressJS. Moreover, it also teaches how to create unit and integration tests. NodeJS / ExpressJS / Jest / MongoDB / Supertest	Udemy
2020	<b>Selenium WebDriver with Java - Basics to Advanced + Frameworks</b> Discusses the creation of User Interface automated tests using Selenium Webdriver (with Java). Selenium WebDriver / Maven / TestNG / Cucumber	Udemy
2020	<b>Rest API Testing (Automation) from Scratch - RestAssured Java</b> Discusses the creation of API integration tests using RestAssured. Postman / Rest Assured / Java	Udemy
2020	<b>Selenium Python Automation Testing from Scratch + Frameworks</b> Discusses the creation of User Interface automated tests using Selenium Webdriver (with Python). Selenium / Pytest	Udemy

## PAPERS PUBLISHED IN SCIENTIFIC JOURNALS

- 2018 **BARCI, DANIEL G.; FRADKIN, EDUARDO; RIBEIRO, LEONARDO** **Physical Review B**  
- Title: Bosonization of Fermi liquids in a weak magnetic field.  
- Reference: Physical Review B v. 98, p. 155146, 2018.  
- arXiv: [arxiv.org/abs/1805.05337](https://arxiv.org/abs/1805.05337)
- 2013 **BARCI, DANIEL G.; RIBEIRO, LEONARDO; STARIOLO, DANIEL A.** **Physical Review E**  
- Title: Nematic phase in two-dimensional frustrated systems with power-law decaying interactions.  
- Reference: Physical Review E (Statistical, Nonlinear, and Soft Matter Physics), v.87, 062119.  
- arXiv: [arxiv.org/abs/1306.1204](https://arxiv.org/abs/1306.1204)

## LANGUAGES

**Portuguese** - native  
**English** - fluent  
**Spanish** - average

## TRABALHO VOLUNTÁRIO

Ex-professor no pré-vestibular comunitário da Mangueira.