Lucas Cavalcanti Rodrigues

Data Engineer

Bom Retiro · São Paulo - SP
lucas.ecomg@gmail.com
+55(11) 95600-2307
30 years

Links

Github
Linkedin
Stackoverflow

Technical Skills

OS
GNU/Linux, Windows

LANGUAGES
Python, Java, Javascript,
Rust, R

FRAMEWORK
flask, node.js, pandas,
matplotlib, statsmodel,
scikitlearn, sympy

DATABASES
SQLite

CLOUD
GCP

OTHERS
Airflow, Markdown, Git, Vim,
VS Code, Jira

Analytical Skills

Data Structures
Algorithm
OOP
Probability
Data Analysis
Econometrics
Machine Learning
Agile methodologies

Education

2017-2021
PHD ECONOMICS
Universidade de São Paulo

2013-2014
MR. SC. IN ECONOMICS
Universidade Federal
de Juiz de Fora

2009-2012
B.A. IN ECONOMICS
Universidade Federal
de Juiz de Fora

Experience

JAN/22- **Entrepreneur** **self-employed**

I am building a small company specializing in the development of tools, such as web apps and desktop applications, to support the work of professional traders.

Python, Javascript, Rust, GCP, Algo-trading

JAN/22- **Software Developer** **Base dos Dados**

I contribute to the development and maintenance of BD's python package (an open-source project). My activities include programming new package features, refactoring existing code and creating automated tests.

Python, Github, CKAN

AUG-DEC/21 **Data Engineer** **DP6**

I worked on collecting and structuring data obtained from customer interaction channels such as mobile apps and websites.

Python, SQL, Data Studio

OCT/20-JUN/21 **Economist** **Parceiros da Educação**

I was responsible for developing and implementing the ESG Racial Equity Index (IEER), a metric used by several companies in the Brazilian private sector to assess and monitor the status of racial inequality among their employees. In addition to develop the index, a by-product of my doctoral thesis, I was also responsible for the data infrastructure used to compute the index. The infrastructure was built using resources from the Google Cloud Platform (GCP).

Python, Pandas, GCP, Cloud Storage, Big Query, Flask

JAN/16-JUN/17 **Data Analyst** **CAED**

I contributed to public policy reports directed to the subnationals Departments of Education by carrying out the statistical analysis of microdata. In these analyses, among other techniques, I used statistical methods such as Factor Analysis, Index Construction and Linear Hierarchical Models.

SPSS, Microsoft Office

Other Employment

2016-2017	**Professor of Economics** (1 year)	**UFJF**
2021-2021	**Researcher** (6 months)	**MPT**