

# ANTÔNIO RODRIGUES

Junior Data Engineer

## ABOUT ME

My name is Antônio Rodrigues. I'm from Brazil and I'm a Computer Science undergraduate student at Universidade de Brasília enrolled in data engineer, data analysis, data reporting (visualization), business intelligence, machine learning, and distributed systems.

My main interest is to build a career focused on data science. I'm fascinated by data-driven solutions and am an artificial intelligence enthusiast.

## SKILLS

- Python
- Spark
  - R
- Tableau
  - SQL
- Hadoop

## CONTACT

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Location: Brasília, Federal District, Brazil

## EXPERIENCE

### Data Engineer

Santander Tecnologia e Inovação, 2021 - until this moment

- In charge of Data Virtualization solutions;
- Cloud Experience (Microsoft Azure);
- Hadoop ecosystem, HDFS, Spark and SQL;
- SQL e NoSQL (Hive, Oracle, HBase, Scylla, Parquet);
- Scrum / Kanban (Jira) and data-driven culture.

### Information Science Intern

Confederação Nacional da Indústria, 2020 - 2021

- Here I had contact with the BI process by using the Tableau tool which gave me enough experience to choose the best way to show data.
- I had the opportunity to be part of the team that made the migration from on-premise servers to a cloud server, by doing that I experienced the architecture and creation process of a big data project.
- I used the Databricks tool, with Spark and Azure Data Factory to create processes, pipelines, triggers, and load scheduling.
- I was part of a data science project, where I got raw data and used ETL tools, created data analysis, and used machine learning algorithms.

### Fullstack Developer / Business Advisor

CJR, 2018 - 2020

- During my period as a junior businessman, I operated on two fronts in a parallel way:
  - Business Advisor: Aligned customer expectations and ideas with the projects;
  - Full-stack and mobile API development: Developed the products (websites, mobile applications, e-commerce products, and IT consulting)..

## EDUCATION

### B.Sc. Computer Science

Universidade de Brasília, 2015 - 2021

- I focused my optional studies in Artificial Intelligence and Data Science;
- Data Science for all Study Group: Project that introduces computer science undergraduates to the data environment with courses from the Datacamp platform and real projects in the CAPES database;

## RESEARCH

### "Research of Methodological Development and Capacitation to Governance and Public Management in Brazil"

IBICT / Escola do trabalhador, 2018 - 2019

- During this research project, I was in charge of developing R and SQL scripts;
- Architecture Maintenance, ETLs, and data update on the employability indicator platform;
- New Environment configuration of three servers: analysis, development, and production of indicators;
- Dashboards development with the data team;
- Evaluation of machine learning model implementation;
- Support to researchers by providing data, graphs, and statistical analysis.