Fabiano dos Santos Brião

Data Analyst | Statistician | Back-End Python/R Developer

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Resume

I am Data Analyst/Statistician and also an experienced Back-End Python/R Developer.

Job as a freelance scientist and data analyst for a decade, adding experience with scientific research in various jobs, specifically, academics related to operational research, modeling, quantitative and simulation methods.

I perform tasks of: ETL(extraction, transformation, loading), presentation, interpretation, data analysis, modeling, development and validation tests. I teach at universities for engineering courses with descriptive/inferential statistics, algorithms, graph theory and machine learning, applied to engineering.

I'm graduated in Mathematics from UFRG/RS, with a master's degree in Computational Modeling of Knowledge from IC-IMCC-UFAL/AL. I add differentials as certifications, specializations and technology training courses.

My skills

Programming Language	VCS	Operational System	Platforms
● Python. ● R Language. ● SQL.	● Git. ● GitHub.	● Linux. ● Windows. ● Mac.	● Databricks. ● Google Colab. ● Jupyter Lab. ● Jupyter Notebook.
Database	Data Visualization	Libraries	
● MySQL, PostgreSQL. ● MongoDB. ● SQL Server ● Google BigQuery.	● Tableau. ● Power BI. ● Google Analytics.	● Pandas, numpy, igraph, … ● Matplotlib, seaborn, ggplot2, googleVis, …	

Obs.:
I have knowledge of cloud, architecture and data engineering using Google Cloud Platform (GCP). Knowledge of a vast amount of laboratory hours on the Google platform, which encourages me to face the challenge of working professionally in these segments.

Professional experience

- Coding Tecnologia - Maceió, Alagoas, Brasil.

2 years and 2 months.

Data scientist.

December 2020 – Current.

Job as a freelance scientist, adding experience with scientific research in various jobs, specifically, academics related to operational research, modeling, machine learning, quantitative and simulation methods.

Data Analyst.

January 2019 - December 2020 (2 years).

I worked as a freelancer, performing tasks of: ETL(extraction, transformation, loading), presentation, interpretation, data analysis, modeling, development and validation tests. Usually using Tableau, Power BI.

- Instituto Federal de Educação, Ciência e Tecnologia de Alagoas(IFAL/AL) - Maceió, Alagoas, Brasil.

Professor.

August 2019 – Current.

I teach for engineering courses classes in: descriptive/inferential statistics, graph theory, algorithms and machine learning, applied to engineering.

- Universidade Estadual de Ciências da Saúde de Alagoas(UNCISAL) - Maceió, Alagoas, Brasil.

Professor.

October 2020 - February 2021 (5 months).

I taught Digital Image Processing class for Information System course.

- Fundação Espírito-Santense de Tecnologia(FEST) - Vitória, Espírito Santo, Brasil.

Data Scientist - Environmental Analysis Researcher II.

July 2019 - December 2019 (6 months).

I worked as a Data Scientist in the monitoring project and tracking of waterfowl from the of the Aquatic Biodiversity Monitoring Program in Environmental Area I at the Laboratory of Aquatic Birds and Sea Turtles (LAATM) under the supervision of Prof Dr. Leandro Bugoni. The project included the development of an application for monitoring some species of sea birds, for execution, structured data and knowledge of descriptive and inferential statistics, time series and machine learning were used.

- Centro Universitário Tiradentes(Unit) - Maceió e Região, Brasil.

Adjunct Professor I.

January 2013 - July 2019 (6 years and 7 months).

I taught descriptive/inferential statistics, graph theory, analytic geometry, algorithms, calculus I, calculus 2, calculus 3, linear algebra and numerical calculus for engineering courses.

- Universidade Federal de Alagoas(UFAL) - Maceió e Região, Brasil.

Content Professor.

January 2011- December 2017 (6 years).

I taught for the Physics course: descriptive/inferential statistics, graph theory, algorithms, calculus I, calculus 2, calculus 3 and analytic geometry.

◆ Centro Universitário Cesmac - Maceió e Região, Brasil.
Professor
September 2007- February 2011 (5 years and 6 months).
I taught descriptive/inferential statistics, , analytic geometry, calculus I, calculus 2, calculus 3, linear algebra, mathematical logic and numerical calculus for engineering courses.

Academic graduation/ title
◆ Master of Science in Computational Modeling of Knowledge
Federal University of Alagoas(UFAL), Maceió/AL, Brasil.
Title: Análise de Medidas de Centralidade usando a distância de Hellinger. (pdf)
◆ Graduation in Mathematics.
Federal University of Rio Grande(FURG), Rio Grande/RS, Brasil.
Title: Paradigmas da Educação Matemática no Ensino Fundamental 2.

Languages
◆ Native Portuguese.
◆ Advanced English.

Certifications
1) Huawei Certification: HCIA-5G
2) Huawei Certification: HCIA-AI

Licenses and certificates
1) Git e GitHub do básico ao avançado (c/ gist e GitHub Pages)

2) Python e R: Analytics e Dados

3) Visualização de dados para Data Science com R: Criando Mapas

4) Crash Course on Python

5) Aprendiendo Python con Estadística Descriptiva

6) Python and Statistics for Financial Analysis

7) Séries Temporais com Python: O curso completo

8) Séries Temporais e Análises Preditivas: O Curso Completo

9) Launching into Machine Learning

10) How Google does Machine Learning

11) Introdução à Ciência de Dados 2.0

12) Google Cloud Product Fundamentals

13) Programa de cursos integrados: Cloud Engineering with Google Cloud
   ◆ Google Cloud Platform Fundamentals: Core Infrastructure
   ◆ Essential Google Cloud Infrastructure: Foundation
   ◆ Essential Google Cloud Infrastructure: Core Services

- ◆ Elastic Google Cloud Infrastructure: Scaling and Automation

14) Programa de cursos integrados: Architecting with Google Compute Engine
- ◆ Google Cloud Platform Fundamentals: Core Infrastructure
- ◆ Essential Google Cloud Infrastructure: Foundation
- ◆ Essential Google Cloud Infrastructure: Core Services
- ◆ Elastic Google Cloud Infrastructure: Scaling and Automation
- ◆ Reliable Google Cloud Infrastructure: Design and Process

15) Programa de cursos integrados: Networking in Google Cloud
- ◆ Networking in Google Cloud: Defining and Implementing Networks
- ◆ Networking in Google Cloud: Hybrid Connectivity and Network Management
- ◆ Google Cloud Platform Fundamentals: Core Infrastructure

16) Docker para Desenvolvedores (com Docker Swarm e Kubernetes)

17) MySql - Explorando relacionamentos com workbench

18) Conceitos e melhores práticas com bancos de dados PostgreSQL