

Vitor Gouveia

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Introduction

Bachelor in Computer Science.

I worked as a data intern for one year and eight months at Unimed Maceió hospital in the data team, where I solidified my knowledge in databases and SQL.

Today I am preparing for a junior data engineer position, creating open-source pipelines from dockerization to validation, cataloging, and data lineage. Using Apache Spark, Apache Airflow, MinIO, GreatExpectations, Dremio, Nessie, DBT, DuckDB, Clouds, etc...

Education

Federal University of Alagoas, Bachelor in Computer Science

Sep 2018 – Dec 2025

- **Focus:** Algorithms, software engineering, AI, DL, distributed systems, data science, and data engineering.

Experience

Data Intern, Unimed Maceió – Maceió, AL

Feb 2022 – Nov 2023

- Assisted the data team by developing and performing SQL queries.
- Solidified my knowledge in data processing, aggregation, and business rules.

Research Student, Laccan – Maceió, AL

Feb 2024 – Present

- I work on research in the area of smart cities, currently part of the CT-Machine Learning. A team responsible for researching solutions and improvements related to Intelligent Transportation Systems with distributed systems, edge computing, data management, artificial intelligence, computer vision, etc.

Research Student, Orion – Maceió, AL

Mar 2025 – Present

- Through research, we seek innovative solutions for real problems, using cutting-edge knowledge in computing, data engineering, data science, distributed systems, algorithms, and IoT.

Volunteer

Teaching Assistant in Probability and Statistics, Federal University of Alagoas,
Computing Institute – Maceió, AL

Jul 2022 – Dec 2022

- Assisted students with descriptive statistics, measures of position, dispersion, probability, normal distribution, exponential distribution, statistical inference and statistical tests.

Skills

Languages: Python and C.

Tools: Docker, Pandas, Tensorflow, Apache Spark, Apache Airflow, MinIO (S3 storage), Great Expectations, DBT, DuckDB, Dremio, Nessie and Clouds.