

# Curriculum Vitae

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## Employment

### BI4ALL

#### Data Engineer/Cloud Architect | May 2022 - present

- Developed and designed an internal GCP big data framework in order to standardize and streamline processes in Google Cloud Platform projects.
- Consulting for Companies such as EDP, J&J, SECIL and Servier in Data Engineering projects

**e.g.:** Spearheaded the automation of summarising telephone conversations. We achieved a significant cost reduction, bringing the cost of summarising each phone call to just 20 cents—over a 95% savings. [More details](#).

**Main Stack:** Python, SQL, Linux, GCP (BigQuery, CloudRun, Composer, Dataflow, VectorDB, etc.), Git, CI/CD, ...

### [Engineering Ingegneria Informatica Spa](#)

#### Data Engineer | Jan 2021 - Apr 2022

- Designed and built an Data Product that reduced by ~70% the manual process for digitizing, computing and storing documents for some legal teams in two big companies.
- Designed and implemented near real time data pipelines to process different e-commerce, and physical stores data from multiple sources.

- Worked closely with data science teams to help build internal data science workflows.

**Main Stack:** Python, SQL, Linux, AWS (DynamoDB, Compute, Kinesis, Lambda, etc.), GCP (BigQuery, CloudRun, Composer, Dataflow, VectorDB, etc.), Git, CI/CD, ...

## **Vallourec**

### **Data Engineer Intern | Feb 2020 - Jan 2021**

- Development and maintenance of Shiny tools capable of delivering reports and statistical models according to the demands of each area of the company's various specialized plants.

**Main Stack:** Python, R, SQL, Linux, Git, CI/CD, AWS, ...

## **Oper**

### **Data Scientist Intern | Feb 2019 - Feb 2020**

- Development of statistical solutions from structuring, analyzing and modeling data to delivering Shiny applications.

**Main Stack:** R, SQL, Linux, Git, CI/CD, ...

## **Education**

### **B.S in Statistics, Federal University of Minas Gerais (UFMG)**

## **Honors and Awards**

### **1st Brazilian Congress of Clinical Evidence at COVID-19 - (2021) : 1st Place**

- Work presented at the 1st Brazilian Congress of Clinical Evidence at COVID-19, showing how the proposed score has shown excellent results compared to other existing ones and how it is simple to use and easy to interpret.

- abc-score
- mmcd-score

## **Publications (co-author)**

1. Development and validation of the MMCD score to predict kidney replacement therapy in COVID-19 patients
2. Predictors of venous thromboembolism in COVID-19 patients: results of the COVID-19 Brazilian Registry
3. Chagas disease and SARS-CoV-2 coinfection does not lead to worse in-hospital outcomes
4. ABC2-SPH risk score for in-hospital mortality in COVID-19 patients: development, external validation and comparison with other available scores

**Technical Degree, Eletronics Technology Federal Center for Technological Education of Minas Gerais (CEFET-MG)**

## **Honors and Awards**

**XXIII META (CEFET-MG, 2013): 2nd Place - Control of parking spaces**

- We developed a protoboard circuit capable of controlling parking spaces, using only logic gates/Boolean algebra. Our project also became classroom material for the laboratories of the digital electronics discipline.

## **Contributions**

1. [abc2sph](#)
2. [mmcd](#)
3. [Google Cloud - Dataproc Templates](#)
4. [solar - low tech magazine](#)
5. [ggcharts](#)