# LEONARDO SANTIAGO BENITEZ

# **Data Engineer**

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% https://benitezportfolio.z6.web.core.windows.net/



### **EDUCATION**

**Electronic Engineering** 

Federal Institute of Santa Catarina - Completed in 2022

Electronic Technician

Federal Institute of Santa Catarina - Completed in 2014

### PROFESSIONAL EXPERIENCE

### Data Engineer

#### Skaylink

**#** 06/2021 - 09/2024

- Train and deploy machine learning models for text classification, similarity analysis, topic modeling, and object detection, in several applied projects.
- Design and develop data lakes, data warehouses and data pipelines for myriad of large customers, using mainly Azure cloud.
- Develop automations using Microsoft Graph API, AWS CLI and similar technologies, improving the quality and efficiency of our IT services.

### Software Developer

#### Zedia

**1** 06/2020 - 06/2021

- Work with large-scale databases (receiving tens of millions of requests per day) and the applications that produce/consume that data, enhancing the reliability and availability of our services.
- Develop software following the Domain-Driven Design methodologies to improve code quality, with languages such as Python, Lua and Javascript.

#### Software Developer

#### Research Lab in Smart Grids, IFSC

**1** 02/2018 - 06/2020

- Implemented machine learning models to predict energy consumption and analyze energy efficiency of public buildings, successfully saving about 10% in the energy usage of several universities.
- Performed a research interchange of 3 months with Häme University of Applied Sciences (Finland), developing a Convolutional Neural Network to recognize the behavior of cows for the purpose of improving milk quality, within a cloud-native web system.

#### Web Developer

Research lab in Educational Technologies, IFSC

**1** 03/2017 - 12/2017

# **PERSONAL PROFILE**

"I'm very dynamic, communicative and always learning!"

## **SKILLS**

English Spanish Portuguese German

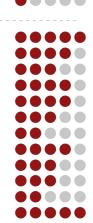


Python SQL Spark

Spark
Azure CosmosDB
Azure Synapse
Databricks
Elastic Search
Azure Functions

AWS Lambda
Azure Devops Pipelines
AWS Code Build

Git Linux



# OTHER ACTIVITIES



Several academic publications

7 conference publications, 2 journals, 12 online mediums, and several talks



**Teaching private AI classes** 

Online classes including ML and related topics. Also, I published a free ML course on YouTube (5 hrs duration)

Pandas

Transformers

OpenCV



**IFSC Innovation Challange 2018**I was the Project Manager of the startup Lóris Industrial Intelligence.

Entrepreneurship

Keras

loT



Volunteer Portuguese teacher for Arab immigrants

NGO Hospitality Circles – From 08/2017 to 04/2018.

Communication

**Empathy** 



**Military Service** 

Brazilian Air Force – 2015. I graduated as the best soldier in the class.

Resilience

Discipline

Leardership