

LEONARDO SANTIAGO BENITEZ

Data Engineer

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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

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

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

03/2017 - 12/2017

PERSONAL PROFILE

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

SKILLS

English ●●●●●
Spanish ●●●●●
Portuguese ●●●●●
German ●●●●●

Python ●●●●●
SQL ●●●●●
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 Challenge 2018
I was the Project Manager of the startup Lóris Industrial Intelligence.

Entrepreneurship Keras IoT

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 Leadership