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 - Present

- 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

Zads

📅 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

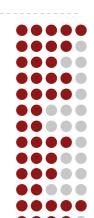*"I'm very dynamic, communicative and always learning!"*

SKILLS

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

Python	●●●●●
SQL	●●●●○
Spark	●●●○○
Azure CosmosDB	●●●●○
Azure Synapse	●●●●○
Data Bricks	●●●○○
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] [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] [Leardership]