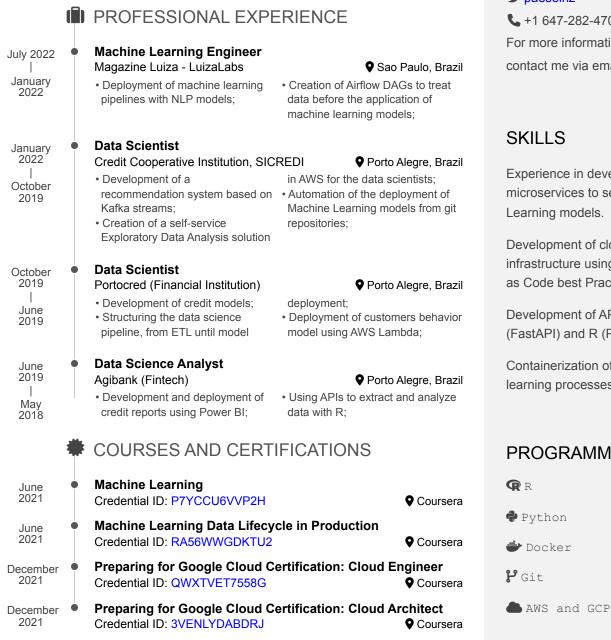# LUIS HENRIQUE ZANANDREA PAESE

Currently searching for a Machine Learning Engineering and/or Data Scientist position

I'm a Machine Learning Engineer, focused on helping Data Science teams deliver the business value through the use of software engineering best-practices. Seeking to continue applying my skills to help companies thrive in a more AI-oriented world.

💼 PROFESSIONAL EXPERIENCE

July 2022 | January 2022

Machine Learning Engineer
Magazine Luiza - LuizaLabs   📍 Sao Paulo, Brazil

- Deployment of machine learning pipelines with NLP models;
- Creation of Airflow DAGs to treat data before the application of machine learning models;

January 2022 | October 2019

Data Scientist
Credit Cooperative Institution, SICREDI   📍 Porto Alegre, Brazil

- Development of a recommendation system based on Kafka streams;
- Creation of a self-service Exploratory Data Analysis solution
- in AWS for the data scientists;
- Automation of the deployment of Machine Learning models from git repositories;

October 2019 | June 2019

Data Scientist
Portocred (Financial Institution)   📍 Porto Alegre, Brazil

- Development of credit models;
- Structuring the data science pipeline, from ETL until model
- deployment;
- Deployment of customers behavior model using AWS Lambda;

June 2019 | May 2018

Data Science Analyst
Agibank (Fintech)   📍 Porto Alegre, Brazil

- Development and deployment of credit reports using Power BI;
- Using APIs to extract and analyze data with R;

✳ COURSES AND CERTIFICATIONS

June 2021

Machine Learning
Credential ID: P7YCCU6VVP2H   📍 Coursera

June 2021

Machine Learning Data Lifecycle in Production
Credential ID: RA56WWGDKTU2   📍 Coursera

December 2021

Preparing for Google Cloud Certification: Cloud Engineer
Credential ID: QWXTVET7558G   📍 Coursera

December 2021

Preparing for Google Cloud Certification: Cloud Architect
Credential ID: 3VENLYDABDRJ   📍 Coursera

CONTACT INFO

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in lhzpaese

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For more information, please contact me via email.

SKILLS

Experience in development of microservices to serve Machine Learning models.

Development of cloud infrastructure using Infrastructure as Code best Practices.

Development of APIs using Python (FastAPI) and R (Plumber).

Containerization of machine learning processes using Docker.

PROGRAMMING SKILLS

® R

🐍 Python

🐳 Docker

ꝑ Git

☁ AWS and GCP

👤 ONLINE ARTICLES

March 2021

Data Science meets Infrastructure as Code
Leveraging Infrastructure as Code to deploy Data Science environments in a easier and more scalable way
📍 Towards Data Science

March 2021

RStudio Server in AWS EMR easy, reproducible, and fast
Using Amazon Web Services custom Machine Images to deploy EMR clusters with pre-installed and pre-configured tools
📍 Towards Data Science

September 2020

Using GitHub Actions to speed up CI/CD in data science projects
How to leverage GitHub Actions to build and deploy Docker images with data science projects
📍 Towards Data Science

📄 SELECTED PUBLICATIONS

2022

Early childhood home-based programmes and school violence: evidence from Brazil
MV Wink Junior, FG Ribeiro, **LHZ Paese**
📍 Development in Practice, Volume 32, Issue 2, Pages 133-143

2021

The diversification benefits of cryptocurrencies in multi-asset portfolios: Cross-country evidence
JA Colombo, FI Cruz, **LHZ Paese**, RX Cortes
📍 Available at SSRN 3776260

2019

Inequality of educational opportunities: Evidence from Brazil
MV Wink Junior, **LHZ Paese**
📍 EconomiA, Volume 20, Issue 2, Pages 109-120

</> OPEN-SOURCE PROJECTS

February 2021

Shiny Application simulating returns of investments in certain circumstances (in portuguese)
Shiny application with Brazilian stock data, analyzing the impacts of investments when stock values drop by more than 10%
📍 Source Code

September 2020

Github Actions and Data Science (in portuguese)
Slides presentation regarding the use of Github Actions in Data Science projects
📍 Presentation

July 2019

Docker applications using R (in portuguese)
Slides presentation about the integration of the R Programming Language with the Docker environment and it's advantages
📍 Presentation