TIAGO AMARAL

DATA SCIENTIST / MACHINE LEARNING ENGINEER

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EXPERIENCE

Machine Learning Engineer - BairesDev @ Pinterest

October 2021 - Present

I am working with Ads Quality team at Pinterest refactoring their CBO (Campaign Budget Optimization) product, improving it's code readability, developer experience and manutenability. I am also analysing data regarding budget and expends on ads, helping anouncers improve their performance and expends per ad.

Data Scientist • Banco do Brasil

November 2019 - December 2021

I have worked in a project with NLP classification models, using Python and TensorFlow, and MLOps, using TensorFlow Extended (TFX) and TF Serving, in private cloud environment (Docker and Kubernets). This project is designed to process about 30 million requests per month, 24/7 and is integrated with the Brazilian OpenBanking platform, helping clients to organize their expenditures and the company to design better products.

Web Developer • Banco do Brasil

August 2014 – November 2019

I have worked implementing new features and as maintainer at the Personal Online Banking System (one of the biggest in Latin America) used by 12 million users per month.

System Analyst • Caixa Econômica Federal

March 2014 – July 2014

Supervisor for a contract of a CRM and OLAP solution used by the managers of the company to provide insights for the bank managers of 3 million clients.

Data Analyst • Government of Federal District

August 2012 – February 2014

System Analyst and Data Analyst for Public Policy for the Secretary of Government.

ACADEMIC FORMATION

Specialization in Artificial Intelligence

Instituto de Ensino Superior de Brasília – IESB (2018-2019)

Bachelor's in Computer Science

Centro Universitário de Brasília – UniCeub (2011-2014)

Bachelor's in Political Science

Universidade de Brasília – UnB (2005-2009)

MAIN COMPETENCES AND SKILLS

- Analytical Capacity
- Python
- TensorFlow (TensorFlow Serving)
- Python Data Stack (Pandas, Scipy, Sklearn, Numpy, Mathplotlib)
- Natural Language Processing (NLP) – NLTK, Word2Vec
- Machine Learning Models
- Java

LANGUAGES

- English – Advanced
- Spanish – Fluent
- Portuguese – Fluent

CERTIFICATIONS

- Bulats - Cambridge English Language Assessment - C2 Proficiency
- Data Scientist Formation – Data Science Academy