ALEXANDRE HENRIQUE S. DIAS

I have an M.Sc. degree in Electrical and Computer Engineering and a MicroMasters Program Credential in Statistics and Data Science from the Massachusetts Institute of Technology (MIT). Currently, I work as a Data Scientist at QuintoAndar, where I primarily focus on the development of Automated Valuation Models (AVMs).

💼 POSITIONS

Present | 2022

Data Scientist
QuintoAndar
📍 São Paulo, SP

· Developing and improving the AVMs of the company, which requires a lot of data analysis, business understanding, programming, and discussions with stakeholders.
· Technologies: Python, AWS (Amazon SageMaker, S3), PySpark, SQL.

2022 | 2021

Data Scientist
Americanas S.A.
📍 São Paulo, SP

· Responsible for developing ML models as solutions for the Human Resources Department. These applications encompass a broad spectrum of topics, with my primary focus being on NLP and HR Analytics. Additionally, I was responsible for creating ML pipelines.
· Technologies: Python (Scikit-Learn and Tensorflow), Docker, CI/CD (Kubeflow).

2021 | 2019

Data Scientist
Looqbox
📍 São Paulo, SP

· Collaborated closely with clients to create and design custom Data Visualizations and Dashboards. Also, contributed to the development of the Looqbox's proprietary R and Python packages, enriching the toolkit available for data analysis.
· Technologies: R, Python, SQL

🎓 EDUCATION

2023 | 2021

M. Sc. in Electrical and Computer Engineering
UFRN - Federal University of Rio Grande do Norte
📍 Natal, RN

· Developed a multilabel classifier for the UN Sustainable Development Goals . Additionally, introduced a novel metric named F-Green, designed to assess models on imbalanced datasets, taking into account not only their performance but also their carbon footprint during training.
· Technologies and Tools: Python (Tensorflow, Scikit-Learn), DVC, GitHub Actions, Weights & Biases.

2022 | 2020

MITx Micromaster Program in Statistics and Data Science
MITx on EdX
📍 EdX

· The MITx MicroMaster Program in Statistics and Data Science covers the fundamentals of data science, statistics, and machine learning.

2019 | 2018

B. Sc., Computer Engineering
UFRN - Federal University of Rio Grande do Norte
📍 Natal, RN

· Researcher and member of the Modeling and Scientific Data Analysis team.

2017 | 2015

B. Sc., Sciences & Technology
UFRN - Federal University of Rio Grande do Norte
📍 Natal, RN

· Linear Algebra and Analytical Geometry Teacher Assistant.
· Calculus II Teacher Assistant.

CONTACT

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in linkedin.me

github.com/alexandrehsd

medium.com/@alexandre.hsd

🐦 alehsdias

TECH SKILLS

🔥 Tensorflow 2.0

🐍 Python 3 (pandas, numpy, scipy, matplotlib, Scikit-Learn, NetworkX)

® R (tidyverse, base R, package development)

🐳 Kubernetes and Docker

🗄 SQL

🐙 git

MORE INFO

See full CV at *alexandrehsd.github.io/cv/* for a complete list of positions and publications.