



ALEXANDRE HENRIQUE S. DIAS

I'm a Data Scientist and a graduate student in Electrical and Computer Engineering at UFRN. My research is focused on social network analysis and graph theory. Additionally, I enjoy my free time writing posts on Medium about Machine Learning. I am skilled in Python, Machine Learning (Scikit-Learn, and TensorFlow), R, and SQL. I also have skills in MLOps using GKE, Kubeflow, Kubernetes, and Docker.






POSITIONS

- Present
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2021
- Data Scientist**
Americanas S.A.  São Paulo, SP
 - Responsible for building ML models using: Python, Scikit-Learn, and Tensorflow.
 - Create ML pipelines using KubeFlow Pipelines from Google Cloud AI Platform, assist in the design of the CI/CD operations of the ML models.
- 2021
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2019
- Data Scientist**
Looqbox  São Paulo, SP
 - Development of BI reports and dashboards using R, Python, and SQL.
 - Maintainer of the Looqbox R Package used to build R objects and data structures compatible with the Looqbox Application.



EDUCATION

- Present
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2021
- M. Sc., Electrical and Computer Engineering**
UFRN - Federal University of Rio Grande do Norte  Natal, RN
 - Research in complex network analysis, social networks, and graph theory.
 - Tools: python, networkX, gephi, and more.
- Present
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2020
- MITx Micromaster Program in Statistics and Data Science**
MITx  EdX
 - The MITx MicroMaster in SDSS covers the fundamentals of data science, statistics, and machine learning.
- 2019
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2018
- B. Sc., Computer Engineering**
UFRN - Federal University of Rio Grande do Norte  Natal, RN
 - Member of the Modeling and Scientific Data Analysis team.
- 2017
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2015
- B. Sc., Sciences & Technology**
UFRN - Federal University of Rio Grande do Norte  Natal, RN
 - Linear Algebra and Analytical Geometry assistant teacher.
 - Calculus II assistant teacher.

CONTACT

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 github.com/alexandrehsd
 medium.com/@alexandre.hsd
 [alehsdias](https://twitter.com/alehsdias)

PROGRAMMING SKILLS

 Tensorflow 2.0
 Python 3 (pandas, numpy, scipy, matplotlib, Scikit-Learn, NetworkX)
 R (tidyverse, base R, package development)
 SQL
 git

MORE INFO

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