



ALEXANDRE HENRIQUE S. DIAS

I'm a Full-Time Data Scientist and a MSc student in Electrical and Computer Engineering at UFRN. My research is focused on social network analysis, graph theory, and Natural Language Processing. Additionally, the main programming languages I use are Python, R, C++, and SQL. Besides, my favorite ML Frameworks are Scikit-Learn and TensorFlow. Lastly, 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. Apply ML to a wide range of topics, such as Complex Network Analysis, Social Networks, NLP, and HR Analytics.
 - Create ML pipelines using KubeFlow Pipelines from Google Cloud AI Platform, and participate in the design of CI/CD operations of 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, graph theory, and NLP.
 - Tools: python, networkX, gephi, TensorFlow, WandB, Git.
- 2022
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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
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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
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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](https://www.linkedin.me)

github.com/[alexandrehsd](https://github.com/alexandrehsd)

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🐦 [alehsdias](https://twitter.com/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.