



CAIO LUCAS MESQUITA DE MORAES

DATA SCIENTIST & DATA ENGINEER

Fortaleza · Ceará · Brazil

24y · Married

EDUCATION

FEDERAL UNIVERSITY OF CEARÁ
TELECOMMUNICATION
ENGINEERING

HARD SKILLS

- Python 3
- Sci-kit Learn | Tensorflow | Keras
- PyTorch
- Numpy | Pandas | Matplotlib
- AWS - Intermediate
- SQL (Oracle, PostgreSQL)
- NoSQL (Cassandra) - Intermediate
- Docker - Intermediate
- Java 8 | 11 | 17
- Spark - Intermediate
- RabbitMq
- Conductor
- Git
- Agile | Scrum

SOFT SKILLS

- Interpersonal Relationships
- Analytical Thinking
- Self-management
- Communication
- Ethics

CONTACT

+55 (85) 98974-9563
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PROFILE

Committed, dedicated, always seeking to be punctual in carrying out the activities proposed to me, committed to my academic and professional evolution, always aspiring for improvement and excellence. I have strong skills in analytical thinking and problem solving, as well as in communication. Learning, challenges, complex problems and innovation are things that drive me in the world of science and technology. I have a quick learning curve in skills I haven't mastered, with fast adaptation, which is great for an Agile framework. I have a small period of experience, but with a wide range of concepts and tools that I learned and use for problem solving.



EXPERIENCE

Internship at Instituto Atlântico | Fortaleza, CE |
Jul 2020 - Dec 2021 (1 year and 5 months)

- Worked with OCR models testing, NLP (text similarity comparison), Javascript+CSS/Bootstrap development, Graph and networks analysis in the context of software testing.
- Developed a Java/Spring microservice for a self-healing heuristic in the context of software testing which favored the construction of a more attractive MVP for stakeholders.
- I used Docker to containerize the aforementioned microservice.
- I developed NLP models (Transformers) for automatic programming code generation.



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Java Developer at Instituto Atlântico | Fortaleza, CE |
Jan 2022 - today (1 year and 5 months)

- Contributed to the migration of legacy applications to latest technologies in the Java web development stack.
- I develop workflows for the orchestration of several microservices using the Netflix Conductor tool, collaborating with an international client.



LEARNING

- **Master of Science** - I am currently preparing for the Master of Science under the guidance of Prof. Yuri Carvalho (PhD) in the field of Artificial Intelligence applied to Wireless Communication (User-centric Cell-free Massive MIMO)
- **English** (Upper Intermediate) - IMPARH, Fortaleza-CE | 2015-2018
- **Applied Machine Learning in Python** - Coursera/Michigan University | May, 2020
- **Python Project for Data Engineering** - Coursera/IBM | April, 2022
- **Data Engineering with AWS** - Udacity Nanodegree | Mar 2023 - Jul 2023
 - Data Modeling
 - Facts and Dimensions
 - Normalization and Denormalization
 - Snowflake schemas
 - Cloud Data Warehouses
 - ETL vs ELT
 - AWS services (Redshift, S3, EC2, RDS)
 - Spark and Data Lakes
 - PySpark and SparkSession
 - AWS Glue
 - Automate Data Pipelines
 - Apache Airflow (DAGs)
 - Data quality
 - Production Data Pipelines