

## Mateus Silva Aragão

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### EDUCATION

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#### *New York University*

Bachelor of Arts: Computer and Data Science

GPA: 3.20

*New York, NY*

*Dec 2023*

#### **Relevant Coursework:**

Intro to Data Science (Python), Agile Software Engineering (Java Script), Data Management & Analysis (SQL), Processing Big Data for Analytics Applications(Scala, SQL)

#### *CUNY Kingsborough Community College*

Associate of Science: Business Administration

GPA: 3.60

*Brooklyn, NY*

*Dec 2020*

#### **Relevant Coursework:**

Introduction to Programming(C), Java Programming I, Java Programming II

### RELEVANT EXPERIENCE

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#### *Amazon*

*Boulder, CO*

*Data Engineer Intern*

*May 2023-Aug 2023*

- Delivered a data observability framework for spark applications running on AWS EMR.
- Developed analytics dashboards with AWS Quicksight for runtime metrics of Spark applications.
- Implemented AWS cloud infrastructure for data ingesting, processing and visualization using AWS CDK.

#### *Moises.ai*

*Remote*

*Product Data Analyst Intern*

*Jun 2022-Aug 2022*

- Developed dashboards containing key product analytics metrics using Tableau.
- Implemented ETL pipeline on Google Big Query using SQL.
- Delivered data insights to key stakeholders and developed a data science framework for investigating data from new product features using python libraries such as Pandas.

#### *New York University, College of Arts and Science*

*New York, NY*

*Tutor (Intro to Computer Programming Class)*

*Sep 2021 - Present*

- Assist the students struggling with current assignments and questions related to past quizzes during drop-in office hours.
- Report to the instructor the students' weaknesses and strengths for quick adjustments of the course materials.
- Mentor students during in class Python programming workshops.

#### *New York University, College of Arts and Science*

*New York, NY*

*Voluntary Student Tutor (Intro to Data Science Summer Class)*

*Jul 2021- Aug 2021*

- Assisted 100 students elucidating questions related to past lectures and ongoing assignments.
- Moderated the Zoom chat addressing frequently made questions.
- Reported to the instructor the students' weaknesses and strengths for quick adjustments of the course materials.

### PROJECTS

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#### *Rockstar Games X CDS Datathon ML Segmentation Winner*

*May 2022*

- Responsible for exploratory data analysis of the dataset.
- Used Pandas for the development of useful features to be applied in a clustering algorithm that provided user segmentation.

#### *MentorMe - MERN Stack Web Application Group Project*

*Jan 2022 - May 2022*

- Responsible for front-end, back-end and database development of the project using the MERN stack.
- Developed app maps, wireframes, and prototypes during the project design phase using Figma.
- Applying Agile methodologies such as Scrum through the duration of the group project using Git workflow.

### TECHNICAL SKILLS

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- Python, SQL, Scala, Java, Typescript, Git, Pandas, Numpy, Scipy, Tableau, Quicksight, Hadoop, MapReduce, Apache Spark, Google Big Query, AWS, OOP, Scrum, Fluent in Portuguese, Conversational Spanish