

## EDUCATION

**New York University** GPA:3.20

Bachelor of Arts: Computer and Data Science

**CUNY Kingsborough Community College** GPA:3.60

Associate of Science: Business Administration

**New York, NY**

Dec 2023

**Brooklyn, NY**

Dec 2020

## EXPERIENCE

**Amazon - Boulder, CO**

**May 2023-Aug 2023**

*Data Engineer Intern*

- Engineered an observability framework for Spark applications on AWS EMR, handling over 500 spark tasks and processing petabytes of data, optimizing performance and scalability.
- Developed analytics dashboards in AWS Quicksight for real-time monitoring of Spark applications, improving visibility into performance metrics like shuffle and spill.
- Implemented a cloud infrastructure with AWS CDK in TypeScript, integrating with production and beta pipelines, to support data workflows for applications critical to customer data views.

**Moises.ai - Remote**

**Jun 2022-Aug 2022**

*Product Data Analyst Intern*

- Orchestrated an A/B testing analysis for a novel AI-assisted songwriting editor at Moises.ai, using Python and statistical methods to evaluate model efficacy across 2,000 users over three months.
- Developed and maintained an ETL pipeline using SQL in Google Big Query, facilitating streamlined data preparation for Tableau dashboards that monitored user engagement and demographics.
- Synthesized and presented key product insights to stakeholders through Tableau visualizations, driving strategic decisions for the AI music startup's product development.

**New York University College of Arts and Science - New York, NY**

**Sep 2021 - Present**

*Tutor (Intro to Computer Programming Class)*

- Conducted over 150 tutoring sessions across 2-3 classes per semester at NYU, supporting around 800 students annually with programming concepts, assignments, and exam preparation.
- Provided flexible tutoring services, including in-person and drop-in Zoom meetings for 10+ hours weekly, adapting to diverse learning needs and schedules.
- Enhanced student engagement and understanding in Python programming through personalized instruction and collaboration with faculty to refine course content.

## PROJECTS

**Spotify Opposite Style Playlist - Personal Project**

**Sep 2023 - Present**

- Designed an algorithm to curate 'opposite-taste' playlists via the Spotify API by analyzing musical attributes of user preferences against a dataset of more than 25,000 artists.
- Transitioning the service to a Flask web app for user-friendly access, and enhancing song selection logic with lyrical analysis for richer playlist curation.
- Employing Python, NLP libraries, and music APIs to innovate a feature that challenges listeners with unexpected, contrasting music recommendations.

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

**Jan 2022 - May 2022**

- Accountable for front-end, back-end and database creation of the project utilizing the MERN stack.
- Created app maps, wireframes, and prototypes during the project design phase employing Figma.
- Put into practice Agile methodologies such as Scrum through the duration of the group project utilizing Git workflow.

## TECHNICAL SKILLS

Python, SQL, Scala, Git, Pandas, Numpy, Scipy, Tableau, Quicksight, Hadoop, MapReduce, Apache Spark, Data Analysis, Data Engineering, Google Big Query, AWS, Flask, MERN Stack, APIs, Fluent in Portuguese