

DANIELLE MEDELLIN

DATA SCIENTIST

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SUMMARY

Being a longtime lover of math as an educator, I was inspired by my students and curious about pushing the boundaries of data and statistics to impact the world around me. I hope to one day impact positive change in an organization that focuses on alleviating pain points in the world such as climate change or marginalized populations. As a data scientist, I hope to work on a team that focuses on support, collaboration, and a drive towards a common goal.

SKILLS AND ABILITIES

Python NumPy Pandas SQL Matplotlib SciKit-learn Natural Language Processing
Seaborn Data Wrangling Neural Networks Exploratory Data Analysis Statistical Analysis
Web Scraping Program Management Research Curriculum Design Machine Learning

EXPERIENCE

Data Science Immersive Student

New York, NY

General Assembly

2020 - Present

- Built a model and Flask app that estimates the time for NYC 311 Service Requests to be resolved
- Gained skill and fluency in machine learning and predictive analytics with classification and regression models and in data visualization with Matplotlib and Seaborn
- Performed extraction, cleaning and analysis of data, building supervised and unsupervised models, and performing statistical evaluation of results

Mathematics Teacher

New York, NY

NYC Department of Education

2016 - 2019

- Created authentic inquiry driven projects to enhance higher-order thinking through investigation, research, and collaboration
- Collaborated with grade level teams to design interdisciplinary tasks that demand the acquisition of content knowledge through scientific exploration and mathematical thinking
- Facilitated collaborative staff inquiry into areas of best practice such as: task design and modifications for inclusion, effective and actionable feedback, curriculum design across grade levels, and scheduling of student and staff academic programming

EDUCATION

General Assembly

New York, NY

Data Science Immersive

2020

New York University

New York, NY

Bachelor of Science: Mathematics Education Gr. 7-12 | Minor: Global and Urban Education 2012-2016