

## | PROFESSIONAL SUMMARY

Highly motivated and detail-oriented analyst with a passion for using data to improve business performance and constituent experience. Graduate work focus on quantifying the efficacy of DEI initiatives in the HR and employment sector. Expert team leadership, planning, and organizational skills developed during successful hospitality career.

## | WORK HISTORY

### **Freelance - Data Analytics Consultant**

New York, NY • 09/2022 - Current

- Partnered with non-profit HR clients to assist in EEO reporting, HRIS analytics, and leveraging ADP Workforce Now for efficient data management and compliance.
- Conducted comprehensive data analysis to identify trends and insights, developed customized dashboards and reports, contributing to strategic decision-making and improved operations.
- Created and implemented data-driven instructional strategies for tutoring service Mathchops, resulting in a 25% improvement in student performance metrics.

### **Freemans Restaurant - Manager and Captain**

New York, NY • 08/2012 - Current

- Handled customer complaints professionally, resolving issues through diplomatic acknowledgment and commitment to service, resulting in a 20% positive increase in Resy analytics customer ratings.
- Delivered in-depth training to workers in customer-facing roles to promote strong team performance.

## | PROJECTS

*"Minority Representation in Museum Sector Employment, 2014-2020"*

- Compiled, cleaned, and manipulated EEO-1 survey data in R for proper handling.
- Developed polished visualizations to share results.

*"Measuring Factors for Museum Sector Income Inequality, 2016-2021"*

- Compiled, cleaned, and manipulated IPUMS USA ACS data and ran statistical analyses within STATA, including linear and logistic regressions, to process datasets.
- Tested and validated models for accuracy of predictions in outcomes of interest.

## | EDUCATION

**CUNY Graduate Center.** New York, NY

- Coursework complete 5/2024,  
Degree 12/2024

**Master of Science:** Quantitative  
Methods and Data Analytics

**Advanced Certificate:** Data Science

**Coursera.** Online • 08/2023

**Certificate:** Google Data Analytics

**New York University.** New York, NY

- 05/2022

**Certificate:** Computer Science,  
Tandon School of Engineering  
Preparatory Course

**Parsons School of Design.** New York, NY

- 12/2007

**Associate of Applied Science:**  
Marketing And Communication

**Denison University.** Granville, OH

- 05/2005

**Bachelor of Arts:** Sociology/  
Anthropology/Geology

## | SKILLS

- Data Visualization: Flourish, R Studio/ ggplot2, Matplotlib, Tableau
- Modeling: linear regression, logistic regression
- Programming: C++, Python, R, STATA
- Statistical analysis

## | RELEVANT COURSEWORK

- Big Data Analytics
- Data Mining
- Data Visualization
- Machine Learning
- Quantitative Research Methods
- Sociological Statistics
- Simulation and Modeling Techniques