

Summary

Aspiring Clinical Psychology Researcher with strong quantitative and programming skills. M.S. in Applied Data Science and B.A. in Psychology (Cum Laude) from Hunter College. Experienced in data analysis, behavioral research design, and public engagement on mental-health topics. Passionate about applying scientific methods to understand and improve mental well-being.

Technical Skills

Programming & Tools: Python (pandas, scikit-learn, matplotlib, seaborn), SQL, R, Excel, Jupyter, Git/GitHub

Methods: Statistical Modeling, Survey Design, Experimental Design, Data Cleaning, Regression Analysis

Communication: Public Speaking, Scientific Writing, Presentation of Findings

Research Experience

Hunter College Psychology Department – Research paper on Lithium's effect on cognition and other mental faculties nominated for Hunter College Library Research Award (2022).

Psi Chi Member – Collaborated on peer-discussion groups exploring clinical research literature.

NAMI Public Speaker – Delivered 10+ educational talks on mental health awareness; engaged with diverse audiences and collaborated with healthcare professionals.

Projects

Behavioral Data Modeling | Python, scikit-learn

- Analyzed 5,000+ rows of wine chemistry data; identified key factors predicting wine quality via regression modeling. Machine learning model built to provide users with wine recommendations based on preferences.

League of Legends Analytics | Python, PySpark

- Conducted quantitative analysis of thousands of E-sports matches and champion data; model built to predict win probability through statistical testing.

Database Management | SQL

- Built a relational database to query Pokemon. Created multiple tables, populated the tables with values, and coded sample queries in SQL that includes joins, views, nested queries, triggers, etc.
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Work Experience

Launch Math & Science Study Centers – Instructor | New York, NY | 2023 – 2024

- Developed and delivered coding lessons (Scratch, Python basics) to 30+ students.
- Introduced computational thinking and problem-solving through interactive learning modules.

Law Office of Matthew J. Salimbene – Administrative Assistant | New York, NY | 2017– 2018

- Analyzed legal case files; built detailed medical chronologies to support case preparation.
 - Improved data organization processes, enhancing efficiency and research workflows.
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Education

M.S. Applied Data Science | Syracuse University | 2024 – 2025 | GPA: 3.82

B.A. Psychology, Minor Chemistry | Hunter College | 2018 – 2022 | GPA: 3.71 (Cum Laude)

Leadership & Volunteering

Public Speaker – NAMI (National Alliance on Mental Illness) | New York, NY | 2020 – 2022