

Drew Jeffrey Shives

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Experience:

*Graduate Assistant, **The Graduate Center, CUNY**, New York, NY (Aug. 2021 – Present)*

- Assist in the development, deployment, and analysis of cognitive science experiments.
- Participate in lab discussions and assist undergraduate students.

*Data Scientist, **Marina Maher Communications**, New York, NY (Mar. 2020 – Present)*

- Developed and implemented an expected loss methodology to determine optimal stopping points in A/B testing.
- Utilized natural language processing and sentiment analysis on unstructured text survey responses.
- Developed a hierarchical Bayesian model to forecast engagement on social media influencers' content.
- Created real-time, interactive dashboards using Plotly Dash, AWS App Runner, and AWS Athena.

*Marketing Analytics Senior Analyst, **Kepler Group**, New York, NY (Jan. 2018 – Mar. 2020)*

- Supervised a team of two analysts across multiple client teams.
- Developed and implemented A/B testing methodology utilizing Bayesian inference.
- Utilized SQL and the Python to query, analyze, and model panel, time series, and cross-sectional data.
- Developed and implemented department-wide statistics trainings, including A/B testing and linear and multi-variate regression.

*Optimization & Innovation Analyst, **Kepler Group**, New York, NY (Jan. 2017 – Dec. 2018)*

- Utilized Google Analytics to analyze on site actions and behavior.

*Performance Analyst, **Colonial Consulting**, New York, NY (Dec. 2012 – Aug. 2013)*

- Provided monthly market analysis on equity, fixed income, and international investments.

*Investment Analyst, **Rocaton Investment Advisors**, Norwalk, CT (Sept. 2011 – Sept. 2012)*

- Responsible for accounting, research, and overall performance of the hedge fund of funds.

Other Experience:

*Purchasing Manager, **ABC Restaurants**, New York, NY (Aug. 2017 – Jan. 2018)*

*Line Cook, **Gabriel Kruether**, New York, NY (Jun. 2017 – Aug. 2017)*

*Tournant, **Agern**, New York, NY (Aug. 2016 – Jun. 2017)*

*Chef de Partie, **Aska**, New York, NY (May 2016 – Aug. 2016)*

*Line Cook, **ABC Cocina**, New York, NY (Jan. 2016 – Apr. 2016)*

*Line Cook, **Acme**, New York, NY (Oct. 2015 – Jan. 2016)*

*Line Cook, **Alder**, New York, NY (May 2015 – Sept. 2015)*

*Line Cook, **ABC Kitchen**, New York, NY (Oct. 2013 – May 2015)*

Education:

The Graduate Center, CUNY, New York, NY

PhD Candidate in Cognitive and Comparative Psychology

Anticipated Graduation Date of Spring 2026

Gettysburg College, Gettysburg, PA

Bachelor of Arts in Economics, Minor in Japanese Studies
Honors Thesis: The Effect of Prediction Markets on Information Cascades
Cumulative GPA: 3.46/4.00
Graduated in 2011

Programming Knowledge:

Python: Pandas, Numpy, Matplotlib, Seaborn, Altair, Scikit-learn, PyMC3, TensorFlow, TensorFlow Probability, Pytorch, Pyro, Plotly Dash

SQL: Amazon Redshift SQL, Standard SQL

R: tidyverse, brms, blogdown

HTML/CSS/JavaScript: jspsych