Camille Gasser, PhD

website • github • google scholar
ccgasser@gmail.com

PhD in Cognitive Psychology with 8+ years of expertise in leading research that answers complex questions about human behavior and experience. Expert in a range of quantitative and qualitative research methods, with a flexible, curious, and self-motivated approach to data analysis. Advanced in R and Python. Proficient in SQL.

EDUCATION

Columbia University, PhD in Cognitive Psychology (*quantitative focus*)   **2024**
New York University, BA in Psychology, Minor in Computer Science & Math, *summa cum laude*   **2017**

EXPERIENCE

Data Science Intern, *Katch Data*   **August 2024 – present**

▶ Performed factor analysis on a large-scale dataset (10K+ records) of movie attributes, distilling 500+ variables into 25 interpretable factors for use in a movie recommender system

Lead Research Scientist, *Columbia University*   **September 2019 – December 2024**

▶ Led 10+ research projects on learning and memory from design to analysis to reporting, securing $100K in federal funding and producing novel scientific insights that guided future research directions

▶ Designed and implemented 10+ survey-based and experimental research studies, applying advanced and varied statistical methods to analyze resulting datasets (e.g., behavioral data, time series, neural activity)

▶ Communicated insights to cross-functional audiences through visualizations and written reports, with 8 peer-reviewed publications at top journals and 30+ presentations at departmental and international conferences

▶ Developed infrastructure for launching remote surveys and experiments; documented best practices that became widely adopted throughout the lab

▶ Launched and ran a novel summer training program that provided 50+ junior researchers with foundational skills in research design, data analysis, and statistics

Lab Manager, *New York University > Columbia University*   **July 2017 – July 2019**

▶ Reviewed and executed data collection and analysis pipelines for 4 collaborative research studies on memory function, ensuring high data quality and robust statistical analysis for publication

▶ Managed all core lab operations, including data management, grant preparation, new employee onboarding, and adherence with safety and regulatory standards

Undergraduate Research Scientist, *New York University*   **September 2016 – May 2017**

▶ Executed an independent research project using predictive modeling to identify EEG signals indicative of future memory success, earning a departmental award for outstanding undergraduate research

SKILLS

Research methods: experimental design (A/B testing), survey design, remote testing, sampling methods, user segmentation, longitudinal research, psychometric testing, thematic analysis

Data analysis & statistics: descriptive statistics, regression analysis (*linear, logistic, multilevel*), hypothesis testing, predictive modeling, Bayesian inference, time series analysis, factor analysis, natural language processing, data visualization, data cleansing & manipulation, database querying

Languages & tools: Python, R, SQL, Qualtrics, Google Forms, Tableau, Microsoft Excel, GitHub/git

CERTIFICATIONS

Coursera: SQL for Data Science; Fundamentals of Visualization with Tableau