

Yrian Derreumaux

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Objective: Seeking a data scientist role that leverages my expertise in inferential statistics and research methods to contribute to the company's success

Skills

Programming: Expert in R (dplyr, ggplot2), Proficient in SQL, Python (NumPy, Pandas, Matplotlib, Seaborn, Plotly), and Bash

Data Analysis: Advanced in GLM, MLM, SEM, Drift Diffusion, Bayesian Modeling

Machine Learning: Experience in Python (TensorFlow, Keras); Experience with NLP techniques and tools

Research & Communication: Strong independent research, report writing, and presentation skills; First-author of 5 peer-reviewed publications and presenter at 25+ national conferences

Experience

Co-Founder – *Getzesty.app*

January 2021–Present

- Head of Data Management & User Experience
- Increased engagement by 120% through data-driven analysis and personalized features
- Enhanced user satisfaction using neural networks for tailored recipe recommendations

Graduate Researcher – *University of California, Riverside*

August 2018–Present

- Led 20+ research projects involving 4,000+ participants using experimental, qualitative, and survey-based methodologies; published four first-author articles in top-tier psychology journals
- Established data management processes and applied advanced statistical (GLM, MLMs, longitudinal) and machine learning (clustering, sentiment analysis, PCA, k-means) techniques to analyze large datasets
- Designed and implemented evidence-based social interventions to comprehend, transform, and enhance systems related to the dissemination of misinformation

Graduate Teaching Assistant – *University of California, Riverside*

August 2019 – Present

- Developed and conducted lectures for 20+ graduate and 700+ undergraduate students, focusing on research methodologies, inferential statistics, and machine learning implementation using R markdown
- Provided mentorship and supervision to over 15 undergraduate students, offering guidance on various aspects of data science projects and research, including data gathering, processing, analysis, and presentation techniques

Lab Manager – *San Francisco State University*

August 2017 – June 2018

- Developed and led a training program for a team of 12 research assistants, resulting in enhanced productivity and quality in data analysis and visualization tasks
 - Established and streamlined systems and processes for executing experiments, gathering data, and overseeing research projects using Python, R, and SQL
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Education

Ph.D. Social Psychology – University of California, Riverside

June 2023

M.A. Psychology – University of California, Riverside

June 2020

B.A. Psychology (cum laude) – San Francisco State University

June 2018