

Yrian Derreumaux

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Education

University of California, Riverside

Doctor of Philosophy in Psychology

Riverside, CA

June 2023

- Dissertation Year Scholarship, Cumulative GPA 3.9/4

San Francisco State University

Bachelor of Arts in Psychology

San Francisco, CA

June 2018

- Cum Laude with Honors, Cumulative GPA 3.89/4, Deans list (2017, 2018)

Experience

Getzesty

Co-Founder

Remote

Jan 2021–Present

- Led design using Figma, incorporating user-centered principles and best practices
- Increased user engagement by 120% through A/B testing and personalized features
- Implemented on-demand collaborative filtering system using TensorFlow and TFX for tailored recipe recommendations, leading to higher retention rates
- Utilized Google Cloud Platform to track key usability metrics and analyzed test results to optimize website functionality

University of California, Riverside

Graduate Student Researcher

Riverside, CA

Aug 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 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

Graduate Teaching Assistant

Aug 2019 – Present

- Developed and delivered lectures to 700+ undergraduate and 20+ graduate students on research methodologies, inferential statistics, and machine learning using R markdown
- Mentored 15+ undergraduate students, guiding them on data science project aspects such as data collection, processing, analysis, and presentation techniques

San Francisco State University

Lab Manager

San Francisco, CA

Aug 2017 – June 2018

- Developed 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

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, Time Series

Machine Learning: Experience in Python (TensorFlow, Keras); Experience with NLP techniques and tools, Deep Learning, Decision Trees, Random Forests

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