

EXPERIENCE	Associate Data Scientist <i>Irvine Company</i>	June 2019 – Present <i>Irvine, CA</i>
	Graduate Research Fellow <i>University of California, Irvine</i>	Sep. 2014 – May 2019 <i>Irvine, CA</i>
	<ul style="list-style-type: none">• Designed and conducted experiments investigating how humans retrieve information from memory• Built hierarchical linear and logistic regression models in R and Python to predict how accurately humans retrieve information from memory under different task demands with less than 5% margin of error• Published findings in peer-reviewed academic journals and presented findings at conferences• Secured over \$100,000 in research funding via grants and external fellowships	
	Graduate Teaching Assistant <i>University of California, Irvine</i>	Sep. 2015 – May 2017 <i>Irvine, CA</i>
	<ul style="list-style-type: none">• Taught course curriculum in one- to three-hour classroom sessions• Led class discussions and answered student questions• Evaluated more than 500 student essays, projects, labs, tests, and other assessments• Maintained records on progress and grades for over 300 students	
	EDUCATION	
	PhD, Psychological Science <i>University of California, Irvine</i>	Dec. 2019 (expected) <i>Irvine, CA</i>
	<ul style="list-style-type: none">• Minor: Quantitative Methods• Dissertation: Retrieval-Enhanced Suggestibility: A Theoretical and Meta-Analytic Review• Honors: National Science Foundation Graduate Research Fellowship (NSF-GRFP); Honorable Mention, Ford Foundation Predoctoral and Dissertation Fellowships• Relevant Coursework: Linear & Logistic Regression; Multilevel Modeling; Econometrics; Structural Equation Modeling; Bayesian Cognitive Modeling; Machine Learning; Longitudinal Data Analysis; Data Science	
	MA, Social Ecology <i>University of California, Irvine</i>	May 2017 <i>Irvine, CA</i>
	<ul style="list-style-type: none">• Thesis: Failure to Detect Discrepancies Drives Retrieval-Enhanced Suggestibility	
	BA, Psychology <i>University of California, Riverside</i>	June 2012 <i>Riverside, CA</i>
TECHNICAL SKILLS	Languages: Python, R, SQL	
	Machine learning: Supervised and Unsupervised models (binary and multi-class classification, clustering, decision trees, random forest)	
	Statistical modeling: Linear regression, logistic regression, Bayesian analysis, survival analysis	
	Data cleaning & visualization: Pandas, dplyr, Tableau, matplotlib, Seaborn, ggplot2	
	Research: Experimental Design, Hypothesis Testing, A/B Testing	
	Other Software & Technologies: STATA, SPSS, Google Cloud Platform (Big Query), L ^A T _E X	
PROJECTS & PUBLICATIONS	Discrepancy detection in the retrieval-enhanced suggestibility paradigm <i>Publication</i>	
	<ul style="list-style-type: none">• Designed and conducted laboratory experiments to assess memory retrieval• Built linear and logistic hierarchical regression models in R and Python to assess and predict memory performance	
	Predicting car prices <i>Project</i>	
	<ul style="list-style-type: none">• Used scikit-learn's k-nearest neighbor algorithm and cross-validation tools to predict a car's sale price based on its features	