

Lisa M. Huang

lisamhuang88@gmail.com • linkedin.com/in/lisamhuang88 • github.com/lisahuang2

RELEVANT SKILLS

- **Inferential statistics:** multiple regression, analysis of variance, multilevel modeling, structural equation modeling, categorical data analysis
- **Predictive analytics:** statistical machine learning for regression and classification, including linear model section, logistic regression, dimension reduction, random forest, and clustering
- **Software:** R and SPSS for data analysis; ggplot and Excel for data visualization; R Markdown for reporting; SQL for data querying; Qualtrics, Inquisit, and MediaLab for data collection; PowerPoint for presentation
- **Survey and experimental research**
- **Communicating clearly** to a range of audiences through writing and oral presentation
- **Managing multiple projects** in a timely manner
- **Critically evaluating information**, asking relevant questions, and finding solutions to test challenging research questions

PROFESSIONAL EXPERIENCE

- **Volunteer Project Manager, DataKind** (October 2018 – present)
 - Manage communications and organize meetings for a team of volunteer data scientists working with mission-driven organizations in the service of social good.
- **Doctoral Student Researcher, Social Cognition Lab, UC Davis** (2012 – 2018)
 - Managed several lines of experimental social science research, resulting in five publications – two as first-author – in highly respected book and peer-review journal outlets
 - Oversaw all phases of the research pipeline - conducted literature reviews; designed and programmed experiments in Qualtrics, Inquisit, and MediaLab softwares; collected data from research participants; analyzed data using R, SPSS, and Excel; delivered oral presentations to local and national audiences; and wrote and published research reports.
 - Mentored two undergraduate students' honors theses and supervised a team of over 20 undergraduate research assistants to assist with implementing lab experiments
- **Class Instructor and Graduate Teaching Assistant, UC Davis** (2013-2018)
 - Developed, organized, and delivered lectures for undergraduate classes in psychology, statistics, and research methods
 - Guided students with writing assignments, graded papers, and established course expectations.
- **Math Instructor, Sylvan Learning Center** (2011 – 2012)
 - Led individualized instruction with K-12 students in math essentials, algebra, geometry, calculus, and SAT math preparation
 - Catered to students with diverse learning needs by listening carefully and explaining material in a clear and accessible manner

EDUCATION

- **Ph.D. Social Psychology**, University of California, Davis (June 2018)
- **M.A. Social Psychology**, University of California, Davis (March 2015)
- **B.S. Psychology**, *minors in Sociology and Neuroscience*, High Distinction, Indiana University Bloomington (May 2010)