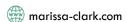
MARISSA CLARK

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<u>Summary:</u> Data scientist with a passion for understanding human behavior and human interactions using statistics. 3+ years experience utilizing statistical methods for inference, prediction, classification and summarization of people-centric data. I thrive collaborating with others and excel in data visualization and presentation.

Areas of Expertise: data analysis, data extrapolation, experimental design, data storytelling

EDUCATION

Dartmouth College | PhD Student, Psychological and Brain Sciences | 2018-Current **UCLA** | Bachelors in Science in Cognitive Science, Minor in Neuroscience | 2011-2015

TECHNICAL SKILLS

Programming:

Python, R, Bash, Scipy, Pandas, Numpy, Tensorflow familiar with SQL, Matlab, Javascript, Flask

Statistical Analysis:

Hypothesis testing, Linear and Logistic Regression, Multilevel Modeling, ANOVA, Ttest, Chi-square, Machine Learning, Natural Language Processing

Data Reduction & Visualization:

Seaborn/Matplotlib, ggplot, PCA, MDS, Factor Analysis

EXPERIENCE

Dartmouth College | PhD Student - Computational Social Neuroscience Lab

- Led \$3,500,000 project on understanding how videos evoke unique and shared emotional experiences
- Collected data from over 4,000 online participants and recruited 80 participants for in-person study
- Analyzed 130GB of three-dimensional functional neuroimaging data
- Contributed to development of a Flask and SQL web server for data collection
- Performed analysis including data cleaning, shared response modeling, factor analysis and principal component analysis, feature selection and event segmentation using a Hidden Markov Model
- Presented data and analyses for 100+ person audience (presentation: marissa-clark.com/presentations)

Stanford University | Lab Manager / Research Coordinator – Social Neuroscience Lab

- Coordinated scheduling, onboarding and offboarding of 30+ staff members, researchers and students
- Organized financial payments from multiple funding accounts
- Planned networking events in 5+ cities during conference attendances
- Led a neuroimaging project analysis studying the effects of speaker engagement on listener empathy

UCLA | Brain Mapping Center Research Assistant

- Maintained and updated software usage documentation on the BrainSuite software
- Supervised and trained undergraduate researchers to perform data analysis on brain segmentations

AWARDS AND GRANTS

Finalist in Dartmouth Hackathon (2019) Personalized Menu Recommendation System: www.mytastespace.com
First Place in Thayer Consulting Case Competition (2019) Sponsored by Google & McKinsey & Co.
Winner of The Expat Woman's Hackathon in San Francisco (2017) Best use of programming category
NIH/NIDA T32 Predoctoral Fellow (Current) Full Tuition and Stipend
Strategic Education Partnership Award Fellow (Current) \$4000 additional Stipend