MARISSA CLARK

805 630 3396

🌐 marissa-clark.com   in linkedin.com/in/marissa-d-clark   ⭘ github.com/Marissa-Clark   @ marissadclark@gmail.com

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

<u>Areas of Expertise:</u> 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 | 2015

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

TECHNICAL SKILLS

Programming:	**Reproducible Computing:**	**Statistical Analysis:**	**Data Reduction & Visualization:**
Python, R, Bash, TensorFlow, Scipy, Pandas, Numpy familiar with SQL, Matlab, Javascript, Flask	Git, Jupyterlab, rmarkdown, Docker	Hypothesis testing, Linear and Logistic Regression, Multilevel Modeling, ANOVA, T-test, Chi-square, Machine Learning	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
- Assisted in 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 can be viewed here)

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