

education

ma | psychology

humboldt state | 2017-2019

- minor: applied statistics

ba | psychology

humboldt state | 2015-2017

skills

programming languages

experienced

R

proficient

python

novice

sql • html

mathematica • c++

tools

git • R Markdown • R Shiny

jupyter notebooks • \LaTeX

tableau • qualtrics • gsuite

office365

coursework

statistics

mathematical statistics

multivariate statistics

elementary probability

modern statistical modeling

regression topics

anova

R supplement

psychology

research methods: philosophy & design

research methods: evaluation

introduction to research methods

presentations

humboldt state psychology

professional development series

beautiful reporting with R Markdown

languages

english • spanish • french

experience

lab manager | humboldt state cognition lab

2017 - present

- investigate systems of memory in language perception and production
- implement linear mixed-effect models to model behavioral data
- facilitate collection, analysis, visualization, and communication of lab data at talks and conferences
- oversee a team of 20 undergraduate and graduate research assistants

research assistant | humboldt state intergroup relations lab

2017 - present

- created an R Shiny app which calculates statistical power for multiple regression
- collect and analyze data regarding implicit biases to present at talks and conferences

graduate teaching assistant | humboldt state

- assist students in learning, understanding, and applying statistical concepts in the behavioral sciences
- teach students how to use the R programming language to import, wrangle, visualize, and model data

intern | humboldt state office of institutional effectiveness

2018

- created visualizations with R and dashboards with Tableau to display key institutional metrics to inform decision making and disseminate institutional information
- compiled literature reviews on underrepresented minorities in higher education

professional certificates

data analyst with python | datacamp

2018

- importing, cleaning, and manipulating data using pandas
- interacting with relational databases using sqlalchemy
- web scraping using beautifulsoup
- data visualization using matplotlib and seaborn

data scientist with R | datacamp

2017-2018

- importing, cleaning, and manipulating data using the tidyverse
- interacting with relational databases using dplyr
- data visualization using ggplot2
- introduction to machine learning using caret
- reporting with R Markdown

open-source experience

broom | tidymodels

2018

- pull request accepted for the R package broom to add functionality for a specific type of Arima object with the glance function
- gained experience using github as a collaborative tool for building software
- contributed to a wonderful and incredibly supportive community