# LAURYN
# BURLEIGH

## GRADUATE RESEARCHER

## CONTACT

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🌐 www.betweenthelobes.com
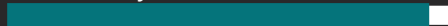
🌐 www.linkedin.com/in/lburleigh
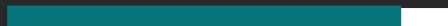
## EXPERTISE SKILLS

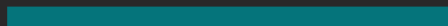Intelligence Gathering

Data Analysis
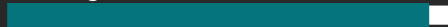
Data Visualization

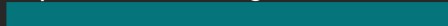Machine Learning

Data Entry

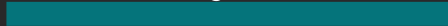Data Validation

Coding Error Resolution

Database Management

Experimental Design

Problem Solving

## ABOUT ME

Current graduate student familiar with gathering, cleaning, organizing, analyzing, and presenting data to technical and non-technical personnel. Advanced understanding of statistical, algebraic, and other analytical techniques. Highly organized, motivated and diligent with significant background in cognitive and computational neuroscience.

## WORK EXPERIENCE

### 08/2016 - Current

Used critical thinking skills to break down problems, evaluate solutions, and make decisions.

Reviewed technical and professional publications in journals such as Psychological Science and Institute of Electrical and Electronics Engineers to stay current on recent literature and make strategic research decisions.

Prepared manuscripts and presentations of relevant conclusions drawn from accurate quantitative analysis of targeted research data collected for reports, lectures, and submissions to peer-review journals.

Conferred with scientists and engineers to plan and review projects, and to provide technical assistance.

Advised and assisted in creating standard operating procedures and obtaining legal and ethical requirements for the lab.

Exceeded goals through effective task prioritization, learning skills to improve efficiency and productivity, high work ethic, and creating, communicating, and following project time deadlines.

Worked as a member of an integrated project team in a highly collaborative work environment focused on enhancing the understanding of cognitive processes in the brain.

Worked independently to progress and complete research projects.

Graduate Researcher - Louisiana State University

## PERSONAL ATTRIBUTES

Analytical + Critical Thinking

Self-motivated

Adaptable

Prioritization + Planning

Organization

Project Management
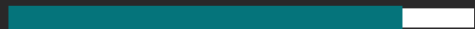
Written Communication

Interpersonal Communication

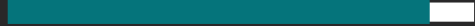Teamwork + Collaboration

Independent Work + Progress

## SOFTWARE SKILLS

Linux/Bash

R

Python

Matlab

LaTex

HTML

Microsoft Office

Google G-Suite

Gimp

SPSS

**08/2019 - 05/2022**

Create and give lectures and workshops to undergraduate and graduate students on identifying and implementing statistical analyses.
Assist professor with determining lesson plans, course material, and course management.
Tutor students individually and in small groups to reinforce learning concepts.

*Graduate Teaching Assistant - Louisiana State University*

**04/2015 - 06/2016**

Oversaw store operations by managing cash drawers, managing product merchandising, and supervising staff
Engaged with customers to build rapport.
Assisted in employee scheduling, inventory replenishment, and other daily functions to maintain smooth operational flow.
Monitored associates throughout each assigned shift and professionally managed new challenges to maintain optimal store performance.

*Keyholder - Earthbound Trading Co., New Orleans, LA*

**08/2013 - 12/2015**

Gathered, arranged, recorded, and corrected research data to maintain source documentation and create representative figures highlighting results.
Wrote, edited, and coded automatic calculations of data collection forms and questionnaires.
Planned, modified, and executed research procedures, screening participants and collecting and testing physiological and biological samples.
Performed statistical, quantitative analyses.
Maintained and calibrated various lab equipment.

*Undergraduate Research Assistant - University of New Orleans*

## EDUCATION

**08/2016 - 12/2022**

PhD: Cognitive and Brain Science [current]
    Dissertation - Applying transfer learning to fMRI data
M.A. Thesis - Investigating the neural mechanisms of fear to visually perceived and mentally imagined stimuli

*Louisiana State University*

**01/2012 - 12/2014**

Bachelor of Science: Psychology
Cum Laude

*University of New Orleans*