

EXPERIENCE

Data Science Fellow SharpestMinds | Orlando, FL

JUL 2019 – PRESENT

- Building a prediction model with ProPublica data.
- Collaborating with former Head of Data at Pebble.

Senior Lab Manager Adult Development & Decision Lab | Orlando, FL

OCT 2015 – FEB 2019

- Managed a dynamic team of up to 12 researchers - PhD students, post-bac associates, and undergraduates - in an intimate, startup-style environment, overseeing ongoing recruitment, training, and supervision of lab personnel.
- Built automated pipelines with Python and R, to extract and wrangle data from experiment software and survey measures, process the data to prepare for analysis, and generate regular analysis reports.
- Spearheaded psychometric and neuroimaging experiment development in field-standard software for controlled delivery of information and stimuli to human subjects, with an eye for balance between user experience and measurement goals.
- Designed protocols ensuring safe and secure storage and handling of biomarker samples and datasets containing protected health information and identifiable contact information.

Database Coordinator Learning & Longevity Research Network | Orlando, FL

JAN 2017 – JAN 2019

- Managed upkeep of a community participant database for aging research, coordinating recruitment efforts between 9 distinct research teams from shared participant database.
- Implemented best-practice protocols and trained research teams to use the available tools and query methods to obtain contact information for participant recruitment.
- Designed and streamlined security, data protection, and confidentiality standards for the contact database, including establishment of recruitment and scheduling protocols.

Research Associate Institute on Aging | Gainesville, FL

JAN 2016 – OCT 2018

- Acted as the primary data collection lead on a collaborative MRI study of brain dynamics in consumer decision making.
- Designed and developed a purpose-built stimulus set and developed scripts for behavioral data preparation, MRI data quality assurance, and preliminary analysis.

Research Assistant Applied Cognition and Technology | Orlando, FL

AUG 2013 – AUG 2015

- Structured data entry for various projects encoding behavior frequency and memory response consistency encoding.
- Psychometric test administration for various projects validating spatial ability measures and investigating social and cognitive metrics.

EDUCATION

Bachelor of Science University of Central Florida

MAY 2014

Psychology | Cognitive Sciences
Major GPA 3.7 | Minor GPA 4.0
Psi Chi Honors Society | President's List | Dean's List

SKILLS

- **Technical Skills:** Python scientific stack (*pandas*, *numpy*, *scipy*, *scikit-learn*, *matplotlib*), RStudio (*tidyverse*, *ggplot2*), SQL, SPSS, Excel, MATLAB, Git, Bash, PowerShell, E-Prime 2.0/3.0, Qualtrics, REST APIs, Databricks, IBM Cloud, Google BigQuery
- **Research Skills:** Experiment design, Data collection, Data analysis, Project management

CERTIFICATIONS

- HIPAA & Privacy for Researchers
- FERPA Educational Administrators
- CITI Biomedical Responsible Conduct of Research