

BRENDAN CULLEN

I am a PhD student and [NSF Graduate Research Fellow](#) in the Department of Psychology at the University of Oregon. As an aspiring data scientist, my goal is to implement my skills as a researcher in an applied industry setting to develop open-source analytical tools that support health and wellness across the lifespan.

EDUCATION

- 2022 | 2017** ● **PhD Student, Psychology**
University of Oregon 📍 Eugene, OR
- 2019 | 2017** ● **MS, Psychology**
University of Oregon 📍 Eugene, OR
- 2015 | 2011** ● **BA, Neuroscience**
Middlebury College 📍 Middlebury, VT

SELECTED POSITIONS

- 2020 | 2019** ● **Lab Instructor**
[PSY 611: Data Analysis I](#) and [PSY 612: Data Analysis II](#) 📍 University of Oregon
· Designed and taught lab sections for graduate statistics classes (full materials [here](#)).
- 2018 | 2017** ● **Graduate Employee**
Social and Affective Neuroscience Lab 📍 University of Oregon
· Created and maintained automated workflow for daily backup of fMRI data via a high performance computing cluster
- 2017 | 2015** ● **Research Assistant**
Clinical and Affective Neuroscience Lab & Embodied Neuroscience Lab 📍 Brown University
· Cleaned, scored and 20+ self-report measures of mindfulness and mental health
· Designed custom software in MATLAB to implement novel EEG/EMG paradigm for measuring neural correlates of tactile acuity and precision grip strength

SELECTED WORKSHOPS TAUGHT

- 2020** ● **Introduction to Git and Github**
Psychology First Year Research Seminar 📍 University of Oregon
· Introductory workshop for first-year psychology PhD and Master's students on basics of using Git and Github for version control

SELECTED SERVICE

- 2020** ● **Co-organizer**
[Cascadia R Conf 2020](#) 📍 Eugene, OR
· Updated website, designed new hex sticker, secured additional sponsors
- 2018** ● **Co-organizer**
[Eugene Brainhack](#) 📍 Eugene, OR
· Co-organized a two-day Brainhack event hosted at the University of Oregon for collaborative software development projects related to computational neuroscience and psychology

CONTACT

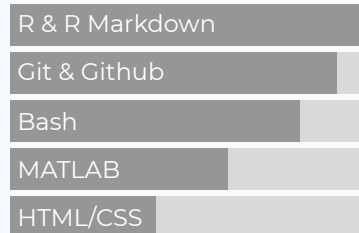
- 🔗 bcullen.rbind.io
- ✉ bcullen@uoregon.edu
- 🐦 [_bcullen](#)
- 👤 [brendanhcullen](#)
- in [linkedin.com/in/bcull](https://www.linkedin.com/in/bcull)
- 📞 [901-826-9547](tel:901-826-9547)

OTHER TRAINING

As part of my doctoral training, I am currently pursuing a 5-course [Data Science Specialization](#) taught entirely in R, focused on reproducible analysis, data visualization, functional programming, and machine learning within a tidyverse framework.

PROGRAMMING

SKILLS



PHILOSOPHY

I am a strong advocate for open science and continually strive for a more shareable, efficient and reproducible workflow. I enjoy learning and teaching statistics within communities that are friendly, inclusive, and supportive, and I have had the privilege of co-organizing several workshops and conferences dedicated to sharing open-source data science tools within such communities.

MORE INFO

See full CV at bcullen.rbind.io/cv for more complete list of positions and [peer-reviewed publications](#).