

BRENDAN CULLEN

I am a PhD student and [National Science Foundation Graduate Research Fellow](#) in the Department of Psychology at the University of Oregon. As an aspiring data scientist, my long-term goal is to contribute to open-source software and to apply my computational skills as a researcher within an industry setting focused on enhancing health 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

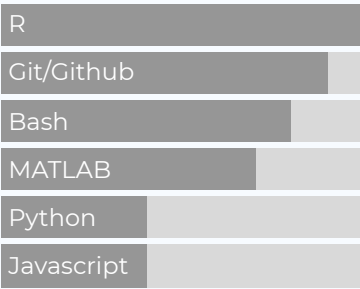
CONTACT

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OTHER TRAINING

As part of my doctoral training, I am currently pursuing a 5-course [Data Science Specialization](#) taught entirely in R, focused on data visualization, functional programming, and machine learning. I also attended [Introduction to Machine Learning with the Tidyverse](#) at [rstudio::conf\(2020\)](#).

PROGRAMMING SKILLS



MORE INFO

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

PHILOSOPHY

I am passionate about contributing to open-source communities that are friendly, inclusive, and supportive. During my time in graduate school, I have had the privilege of participating in and helping to organize several workshops and conferences focused on sharing open-source data science tools within such communities.