




BRENDAN CULLEN

I am a PhD student and [NSF Graduate Research Fellow](#) in the Department of Psychology at the University of Oregon. My research focuses on predicting real-world health behaviors and health outcomes in an effort to advance a precision medicine framework for behavioral health. As an aspiring data scientist, my goal is to develop open-source statistical software to support health and wellness.



EDUCATION

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

SELECTED POSITIONS

- 2020**
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2019
Lab Instructor
[PSY 611: Data Analysis I](#), [PSY 612: Data Analysis II](#),
[PSY 302: Statistical Methods in Psychology](#)  University of Oregon
 - Designed and taught lab sections for undergraduate and graduate-level statistics classes in R and jamovi (see materials [here](#)).
- 2018**
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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**
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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**
UO Psych R Bootcamp
Department of Psychology  University of Oregon
 - 3-day introductory bootcamp covering basics of R, R Markdown and transforming and visualizing data with the tidyverse. ~45 attendees including current and incoming grad students, undergrads, research staff and tenure-track faculty.
- 2020**
Introduction to Git and Github
Psychology First Year Research Seminar  University of Oregon
 - Introductory workshop for ~20 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

CONTACT

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CERTIFICATION

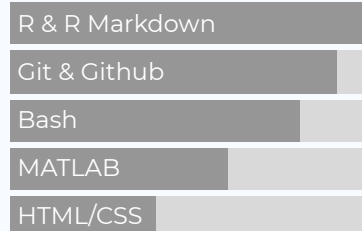
I am an [RStudio Certified Instructor](#) in the [tidyverse](#) (see [certificate](#)).

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 open-source data science software. I particularly enjoy helping others learn data science skills, and I value kindness and inclusivity above all else in my teaching.

MORE INFO

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

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Source code on [GitHub](#). 
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