

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**
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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](#) and [PSY 612: Data Analysis II](#)
University of Oregon
· Designed and taught lab sections for graduate statistics classes (full 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**
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

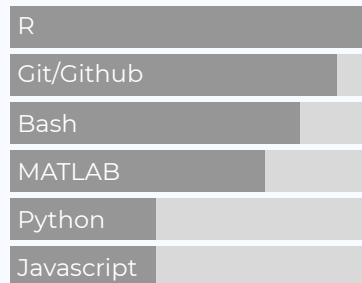
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OTHER TRAINING

As part of my doctoral training, I am currently pursuing a 5-course [Data Science Specialization](#) taught entirely in R, focused on 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.