

# 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

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**PhD Student, Psychology**  
University of Oregon

📍 Eugene, OR
- 2019  
|  
2017

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**MS, Psychology**  
University of Oregon

📍 Eugene, OR
- 2015  
|  
2011

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**BA, Neuroscience**  
Middlebury College

📍 Middlebury, VT

## SELECTED POSITIONS

- 2020  
|  
2019

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**Lab Instructor**  
[PSY 611: Data Analysis I](#) and [PSY 612: Data Analysis II](#)  
· Designed and taught lab sections for graduate statistics classes (full materials [here](#)).

📍 University of Oregon
- 2018  
|  
2017

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**Graduate Employee**  
Social and Affective Neuroscience Lab  
· Created and maintained automated workflow for daily backup of fMRI data via a high performance computing cluster

📍 University of Oregon
- 2017  
|  
2015

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**Research Assistant**  
Clinical and Affective Neuroscience Lab & Embodied Neuroscience Lab  
· 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

📍 Brown University

## SELECTED WORKSHOPS TAUGHT

- 2020

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

📍 University of Oregon

## SELECTED SERVICE

- 2020

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**Co-organizer**  
[Cascadia R Conf 2020](#)  
· Updated website, designed new hex sticker, secured additional sponsors

📍 Eugene, OR
- 2018

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**Co-organizer**  
[Eugene Brainhack](#)  
· Co-organized a two-day Brainhack event hosted at the University of Oregon for collaborative software development projects related to computational neuroscience and psychology

📍 Eugene, OR

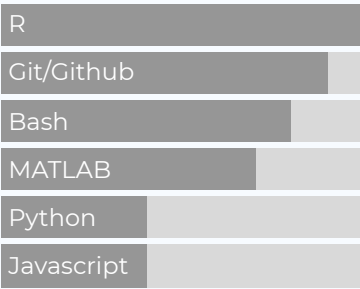
## CONTACT

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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.