

# Lea Frank

Doctoral candidate  
University of Oregon

## CONTACT:

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## PURPOSE

To find an applied research or data science position that I find challenging and fulfilling. I am interested in work that addresses complex questions regarding **human behavior and cognition, health and nutrition, public policy, or other social sciences**. I am passionate and driven, and eager to apply my technical and statistical knowledge towards solving real-world problems.

## TECHNICAL SKILLS

### Programming

- version control with Git, data manipulation & visualization

### Statistical analysis

- Linear regression, machine learning, Bayesian statistics, structural equation modeling

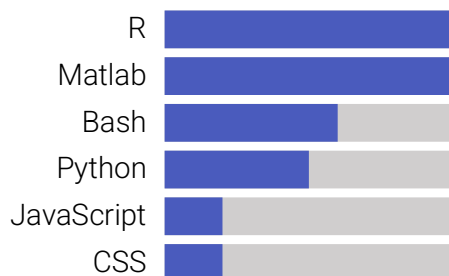
### Web development

- Blogdown, Distill, Hugo

### Neuroimaging

- Connectivity, pattern analysis, univariate analysis

## LANGUAGES



## EXPERIENCE

- 2017 – 2020 ● **Graduate Employee**  
University of Oregon, Eugene, OR  
Lab instructor for undergraduate statistics courses and teaching assistant for courses on cognitive psychology.
- 2016 – Present ● **Graduate Student Researcher**  
Brain & Memory Lab  
University of Oregon, Eugene, OR  
Using behavioral and fMRI methods to study individual differences in memory function, neural mechanisms of memory generalization and hippocampal-cortical connectivity.
- 2014 – 2016 ● **Research Assistant**  
Traumatic Brain Injury Lab  
Kessler Foundation, West Orange, NJ  
Research focused on the cognitive outcomes of neurological injury and treatment of impairments. Assisted with cognitive assessments, behavioral and neuroimaging analyses, and task design/development.

## EDUCATION

- 2017 – Present ● **PhD in Psychology**  
University of Oregon, Eugene, OR  
Cognitive neuroscience area with data science specialization
- 2016 – 2017 ● **MS in Psychology**  
University of Oregon, Eugene, OR
- 2010 – 2014 ● **BA in Psychology**  
Marist College, Poughkeepsie, NY

## VOLUNTEERING & COMMUNITY OUTREACH

- 2021 Planning committee for 2021 CascadiaR Conference
- 2018 – 2021 Apprenticeships in Science & Engineering's Saturday Academy Program
- 2018 – 2021 Summer Academy to Inspire Learning
- 2016, 2019 Science Open House, Science Program to Inspire Creativity & Excellence