Lea Frank

Doctoral Candidate

CONTACT

- 201-966-6055
- leafrank14@gmail.com
- github.com/lfrank14
- linkedin.com/in/lfrank14
- https://lea-frank.netlify.app/

PURPOSE

I am seeking a data science internship where I can adapt my academic skillset for a career in data science. I am interested in complex questions regarding human behavior and cognition. I am passionate about using data to draw meaningful insights and eager to apply my skills towards solving real-world problems.

TECHNICAL SKILLS

Programming
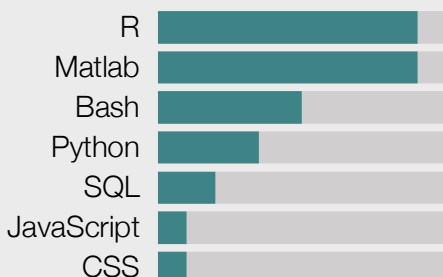- version control with Git, data manipulation and visualization, cloud computing, shell scripting

Statistical analysis
- Inferential statistics and hypothesis testing, machine learning, general linear modeling, multilevel modeling, structural equation modeling, Bayesian statistics

Web development
- Blogdown, Distill, Hugo

LANGUAGES

Language	
R	████████████░░
Matlab	████████████░░
Bash	████████░░░░░░
Python	█████░░░░░░░░░
SQL	███░░░░░░░░░░░
JavaScript	█░░░░░░░░░░░░░
CSS	█░░░░░░░░░░░░░

EXPERIENCE

Graduate Employee / 2017 – Present
University of Oregon, Eugene, OR

- Lab instructor for undergraduate and graduate-level statistics courses and teaching assistant for psychology courses
- Requires thorough understanding of foundational concepts in statistics and psychology, and an ability to explain high-level concepts to non-experts

Graduate Student Researcher / 2016 – Present
Brain & Memory Lab, University of Oregon, Eugene, OR

- Lead behavioral and functional MRI experiments from initial design to publication and presentation of findings
- Collect and analyze large, complex data sets to answer questions of human memory
- Communicate findings to technical and non-technical audiences
- Collaborate with people across different areas of research
- Manage and mentor student research assistants
- Translate high-level instruction into actionable steps with minimal supervision

Research Assistant / 2014 – 2016
Traumatic Brain Injury Lab, Kessler Foundation, West Orange, NJ

- Assisted with the design and development of virtual reality-based treatments for cognitive and balance impairments
- Assisted with statistical analysis, manuscript preparation and presentation of findings
- Interacted with participants from clinical populations and diverse backgrounds, and collaborated with people from different areas of research

EDUCATION

PhD in Psychology / 2017 – Present
Cognitive Neuroscience Area, Data Science Specialization
University of Oregon, Eugene, OR

MS in Psychology / 2016 – 2017
University of Oregon, Eugene, OR

BA in Psychology / 2010 – 2014
Marist College, Poughkeepsie, NY

COMMUNITY & VOLUNTEER ACTIVITIES

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