

Justin Frandsen

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EDUCATION

Texas A&M University, College Station, TX

Ph.D. Student in Cognition and Cognitive Neuroscience, *Expected 2028*

University of Nebraska–Lincoln, Lincoln, NE

Bachelor of Arts in Psychology, Minor in Anthropology, *May 2023*

GPA: 3.73 / 4.00

RESEARCH EXPERIENCE

Graduate Research Assistant

Learning and Attention Lab, Texas A&M University | Jun 2023 – Present

Advisor: Dr. Brian A. Anderson

- Designed and programmed experiments on statistical learning, attention, aversive conditioning, and distractor suppression
- Collected and analyzed eye tracking and behavioral data using MATLAB, R, and Python
- Presented findings at national conferences and currently preparing two manuscripts for publication

Undergraduate Research Assistant

Vision, Attention, Memory, and Perception (VAMP) Lab, University of Nebraska - Lincoln | Sept 2019 – May 2023

Advisor: Dr. Michael D. Dodd

- Led multiple behavioral and eye tracking studies on emotion perception and attention in cluttered environments
- Assisted in data collection and analysis of multiple behavioral, eye tracking, and EEG experiments
- Created stimuli, collected and analyzed data using Python and R, and presented at multiple university research fairs

Collaborations:

- Implemented computational models (GBVS) and image segmentation with Dr. Jessica Yorzinski to examine whether fire images capture attention in primates (2025)
- Investigated how programming language impacts attention during bug fixing with Dr. Bonita Sharif (2019)

PRESENTATIONS

VSS 2025 (FL): Context impacts on object–location associations in naturalistic scenes

Psychonomics 2024 (NY): Aversive conditioning and emotional valence in the control of attention

VSS 2024 (FL) & ARMADILLO 2024 (TX): Poster on how statistical learning impacts attentional guidance in naturalistic scenes

UNL Research Fairs (2021–2023): Multiple posters on memory, attention, and emotion perception

HONORS & AWARDS

Elizabeth Qualls Fellowship, Texas A&M University | 2025

Harry K. Wolfe Award Nominee, University of Nebraska – Lincoln | 2023

UCARE Award, University of Nebraska – Lincoln | 2020 – 2023

Dean’s List, University of Nebraska – Lincoln | Fall 2019, Fall 2021, Fall 2022, Spring 2023

FYRE Award, University of Nebraska – Lincoln | 2019

TECHNICAL SKILLS

Programming & Analysis: Python (Pandas, NumPy, OpenCV, Matplotlib), R (ggplot2, tidyverse), SPSS, Git, GitHub

Experiment Design & Data Collection: EyeLink 1000 setup, EEG setup, Psychtoolbox, PsychoPy

Documentation: Microsoft Excel, PowerPoint, Overleaf (LaTeX), Markdown

WORK EXPERIENCE

Graduate Research Assistant, Texas A&M University | Jun 2023 – Present

Undergraduate Research Assistant, University of Nebraska – Lincoln | Sept 2019 – May 2023

Hardware Associate, True Value Hardware, Gordon, NE | Jan 2019 – Aug 2019