ISHA CHHABRA

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EDUCATION

University of Oregon Sept 2024 - Present

Cognitive Neuroscience Ph.D. Student with a specialization in Data Science GPA: 4.08

University of Texas, at Austin Sept 2020 - May 2024

Bachelor of Science in Neuroscience with minor in Health Communication GPA: 3.97

Awards: Alice Thompson Research Award, Presidential Service Award, College Scholar in the College of Natural Sciences, University Honors, Girl Scouts Gold Award

PROFESSIONAL EXPERIENCE

Graduate Researcher Sept 2024 - Present

University of Oregon- Dr. Benjamin Hutchinson's Cognitive Neuroscience Lab

- Researcher on Multimodal Memory Dataset Project: Develop a high-density fMRI dataset from 30 sessions per participant
    - Cued-recall: Explore image-word associations to investigate how the brain processes and selectively attends to information
    - Free recall: Study brain mechanisms underlying memory reconstruction and reactivation while recalling short films.
- Projects: Explore subsequent memory effects, compare brain patterns of individuals with aphantasia and typical visual recall, investigate visual false memory vs. forgetting and factors influencing memory selection
- Honors thesis committee member for research assistants

Neurohackademy 2025 - Summer Institute of Neuroimaging and Data Science July 2025 - Aug 2025

University of Washington eScience Institute Github: NeuroSites

- Applied version control (Git/GitHub), reproducibility practices, and collaborative coding in a two-week hackathon environment with an interdisciplinary team
- Designed and launched NeuroSites, an open-source collection of website templates designed for the neuroscience community
- Developed my own professional website: https://ishachhabra1.github.io/

Research Assistant Apr 2023 - July 2024

University of Texas, at Austin- Dr. Audrey Duarte's Memory and Aging Lab ~960 hours

- Researcher on Skintronics study: Investigates the impact of poor sleep on age-related episodic memory decline through the implementation of EEGs, cognitive exams, and sleep masks
    - Explore the associations between sleep architecture and memory performance

LEADERSHIP & COMMUNITY ENGAGEMENT

Teaching Assistant for Psychology Courses and Introductory Biology 1 and 2 Jan 2022 - Present

- Assist the professor in teaching and grading coursework
- Host regular office hours to provide additional support to students and enhance their comprehension of the subject matter
- Facilitate and mentor weekly discussions to review course material for a class of 500 students

Projects Abroad Medical Internship in Maternity and Children's Hospital - Nanyuki, Kenya July 2022

- Performed successful cannulation and bladder catheterization, pre-operative and post-operative care, assisted in surgeries as instruments assistant, scrub assistant, and circulating assistant, conducted normal deliveries under supervision
- Actively participated in medical outreaches to underprivileged communities

PUBLICATIONS & CONFERENCE PRESENTATIONS

Poster Presentation at Society for Neuroscience November 2025
Poster Presentation at APSS Sleep Conference June 2024

SKILLS & CERTIFICATIONS

- **Technical Skills:** Python, R Studio, PsychoPy, Adobe Illustrator, Microsoft Office Programs
- **Certifications:** L1 MRI, CITI Human Research and Responsible Conduct of Research, Microsoft Office Specialist
- **Relevant Courses:** Graduate Data Analysis Sequence, Graduate Machine Learning, Graduate fMRI Methods