Jeffrey Mu

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Research Experience

3D Information for Perception and Action Lab   Sep. 2024 – Present
Research Assistant
- Co-authoring research on multimodal cue integration in 3D perceptual-motor systems.
- Collaborate with postdoc mentors to code paradigms, analyze cue reweighting/remapping data.
- Present in lab meetings on research progress and newest literature, give and receive critique on experiment methodologies, collaborate on ideating and refininig data analysis approaches.

Virtual Environment Navigation Lab   Feb. 2025 – Present
Research Assistant
- Generate and sort datasets on human spatial reconstruction, object recognition in locomotion.
- Apply ML modeling for data sorting and analysis to streamline processing workflow.
- Participate in weekly lab meetings for review and discussion of literature.

Language Understanding and Representation Lab   Jan. 2025 – Present
Undergraduate Researcher
- Research sentence-level compositionality in PCA spaces and their perceptual representations.
- Assist in researching sparse use of adj-noun pairs, LLM volatility in predicting human judgments.

Education

Brown University   Aug. 2024 – Present
Concentration: Applied Math & Computer Science, Cognitive Science
- **Selected Coursework:**
  Linear Algebra with Theory, Computing Foundations: Program Organization, Program Design with Data Structures, Two Visual Systems: Perception and Action, Perceiving and Acting in 3D, Advanced Digital Cross-Disciplinary Language Arts, Linguistics.
- **Activities:**
  Staff Writer, Brown Daily Herald
  Co-President, Brown RISD Extended Reality

Bellarmine College Preparatory   Graduated May 2024
Top 2% out of 400 students in graduating class

Exhibitions and Awards (Photography)

- Stanford Report (2024), The Metropolitan Museum of Art (2024), Palo Alto Art Center (2022, 2023, 2024) New Museum Los Gatos (2021, 2023, 2024), Los Altos Town Crier (2023)

Certificates

- Group 1: Social-Behavioral-Educational Researchers and Key Personnel, CITI — Issued Sep. 2024
- VID 42: From Script to Final Cut, Stanford Continuing Studies — Issued Aug. 2024
- Iowa Young Writers' Studio, University of Iowa — Issued Jun. 2024
- AI Deep Dives, Inspirit AI — Issued Mar. 2024
- Kenyon Young Writers Workshop, Kenyon College — Issued Jun. 2023

References

Reference available upon request.