Seun Eisape

Machine Learning, Brain Computer Interfaces, Cognitive Science, Natural language processing eisape@berkeley.edu

Education

- 2029 University of California, Berkeley, Ph.D. Electrical Engineering & Computer Science Advisors: Jack Gallant, Alane Suhr
- 2020 Haverford College, B.S. Computer Science Advisors: Daniel Grodner, Alvin Grissom II, Xiaodong Qu, Joshua Hartshorne

Research

- 2023 Brain-Computer Interfaces Lab Mentor: Xiaodong Qu (Swarthmore College)
- 2022 Cognitive Science/Semantics Lab Mentor: Daniel Grodner (Swarthmore College)
- 2022 Machine Translation Lab Mentor: Alvin Grisssom II (Haverford College)
- 2021 Language Learning Lab Mentor: Joshua Hartshorne (Boston College)

Employment

- 2024 Johns Hopkins Human Language Technology Center of Excellence, Visiting Research Scholar
- 2023 Ask Media Group Applied Machine Learning, Research Intern

Papers

- 2023 **Eisape, S.**, & Grodner, D. (in prep). Priming the Unsaid: Using context to model alternative speaker utterances in pragmatic inferencing.
- 2023 **Eisape, S.**, & Grissom II, A. (Thesis). An Examination of the Sensitivity of Transformer-based Machine Translation Models to Simple Linguistically-motivated Perturbations.

Talks

2023 – "Priming the Unsaid: A Study of How People Read Between the Lines." KINSC Research Symposium, Haverford, PA, September 2023.

2023 -	"Brain-Computer Interfaces: Using Machine Learning to Decode Brain Signals." Chesick Scholar Symposium, Haverford, PA, September 2023.
2022 –	"Examining Semantic Negation in Diffusion Models for Text-To-Image Generation." Lecture on Deep Learning for Computer Vision, Haverford, PA, October 2022.
	Honors
2024 -	GEM Full Fellow
2024 -	UC Berkeley Chancellor Fellow
2023 -	KINSC/Velay Fellow
2023 -	Chesick Scholar Summer Fellow
2023 -	InterActiveCorp Academic Scholarship
2022 -	InterActiveCorp Foundation Fellow
2021 -	Diversity Fellow, Boston University Conference on Language Development
	Toodhing
	Teaching
	Undergraduate courses
2023 -	CS260 - Data Science (Haverford College)
2023 -	CS105 - Introduction to Computer Science (Haverford College)
	Relevant Coursework
2022 -	Course: Independent Study in Computer Science
2022 -	Course: Independent study in Computational Cognitive Science
2022 -	Course: Advanced Topics in Machine Learning: Deep Learning for Computer Vision
2022 -	Course: Speech Synthesis & Recognition
2022 -	Self-Study: Pattern Recognition and Machine Learning, by Christopher Bishop
	Professional Service

Discrete Math Tutor, Chester Corretional Facility

2023 -