

Seun Eisape

Machine Learning, Brain Computer Interfaces, Cognitive Science, Natural language processing
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Education

- 2029 – University of California, Berkeley, Ph.D. Electrical Engineering & Computer Science
Advisor: 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 Grissom 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

- 2025 – Potter, Y., **Eisape, S.**, Lai, S., Huth, A., Evans, J., Kim, B., Eisenstein, J., Song, D., & Suhr, A. (2025). Investigating the Link Between Representational Similarity and Model Interactions. *International Conference on Learning Representations (Submitted to ICLR 2026)*.
- 2025 – Barua, J., **Eisape, S.**, Yin, K., & Suhr, A. (2025). Long Chain-of-Thought Reasoning Across Languages. *SCALR Workshop at COLM*.
- 2025 – Samuel, S., DeGenaro, D., Guallar-Blasco, J., Sanders, K., **Eisape, S.**, Reddy, A., Martin, A., Yates, A., Yang, E., Carpenter, C., Etter, D., Kayi, E., Wiesner, M., Murray, K., & Kriz, R. (2025). Mmmorrf: Multimodal multilingual modularized reciprocal rank fusion. *ACM SIGIR*.
- 2025 – Tang, Z., Lian, L., **Eisape, S.**, Wang, X., Herzig, R., Yala, A., Suhr, A., Darrell, T., & Chan, D. M. (2025). TULIP: Contrastive Image-Text Learning With Richer Vision Understanding. *CVPR*.

- 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
- 2022 – InterActiveCorp Foundation Fellow
- 2021 – Diversity Fellow, Boston University Conference on Language Development

Teaching

- 2023 – CS260 - Data 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 – Self-Study: *Pattern Recognition and Machine Learning*, by Christopher Bishop

Professional Service

2023 – Discrete Math Tutor, Chester Correctional Facility