Seun Eisape

Machine Learning, Brain Computer Interfaces, Cognitive Science, Natural language processing
seisape@haverford.edu

Education

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

2023 –   Ask Media Group Applied Machine Learning, Research Intern

Papers

2023 –   **Eisape, S.**, & Grodner, D. (in prep - to be submitted in December). Priming the Unsaid: Using context to model alternative speaker utterances in pragmatic inferencing. In *Experiments in Linguistic Meaning* (ELM).

2023 –   **Eisape, S.**, & Grissom II, A. (in prep - to be submitted in December). An Examination of the Sensitivity of Transformer-based Machine Translation Models to Simple Linguistically-motivated Perturbations. In *Transactions on Machine Learning Research* (TMLR).

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.

Honors

2023 –   KINSC/Velay Fellow

2023 –   Chesick Scholar Summer Fellow

2022 –   InterActiveCorp Foundation Fellow

2021 –   Diversity Fellow, Boston University Conference on Language Development

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

2023 –   Discrete Math Tutor, Chester Corretional Facility