

EDUCATION

Northwestern University Ph.D. in Computer Science, Advisor: Sam Kriegman	Evanston, IL, USA Sept. 2023 – Current
University of Texas, Austin M.Sc. in Computer Science, Advisor: David Harwath Thesis: <i>Phoneme Segmentation Using Self-Supervised Speech Models</i>	Austin, TX, USA Aug. 2021 – Aug. 2023
University of California, Berkeley B.A. in Computer Science	Berkeley, CA, USA Aug. 2014 – May 2018

PROFESSIONAL EXPERIENCE

Google, Paradigms of Intelligence Team Student Researcher	Zurich, CHE Feb. 2025 – Jul. 2025
Skywalk LLC AI Research Engineer	Palo Alto, CA, USA Jun. 2022 – Jan. 2024

RESEARCH EXPERIENCE

Xenobot Lab Northwestern University Graduate Research Staff	Evanston, IL, USA Sept. 2023 – Current
Speech Audio & Language Technologies Lab University of Texas, Austin Graduate Research Assistant	Austin, TX, USA Oct. 2021 – Aug. 2023
Quantitative Bioimaging Lab Oregon Health & Science University Research Software Engineer	Portland, OR, USA Sept. 2021 – Aug. 2022
Gardner Lab University of Oregon Research Assistant	Eugene, OR, USA Jun. 2020 – Jun. 2021
Remais Lab University of California, Berkeley Research Assistant	Berkeley, CA, USA Jun. 2020 – Jun. 2021

PUBLICATIONS

- [1] L. Strgar and S. Kriegman, *Accelerated co-design of robots through morphological pretraining*, 2025. arXiv: 2502.10862 [cs.LG].

- [2] **L. Strgar**, D. Matthews, T. Hummer, and S. Kriegman, “Evolution and learning in differentiable robots,” in *Robotics: Science and Systems*, 2024.
- [3] Z. Sims, **L. Strgar**, D. Thirumalaisamy, R. Heussner, G. Thibault, and Y. H. Chang, “Segmentation evaluation in absence of ground truth labels,” *bioRxiv*, 2023.
- [4] **L. Strgar** and D. Harwath, “Phoneme segmentation using self-supervised speech models,” in *2022 IEEE Spoken Language Technology Workshop (SLT)*, Doha, Qatar, 2023, pp. 1067–1073.
- [5] M. S. Parappilly, Y. Chin, R. M. Whalen, A. N. Anderson, T. S. Robinson, **L. Strgar**, T. L. Sutton, P. Conley, C. Klocke, S. L. Gibbs, Y. H. Chang, G. Wu, M. H. Wong, and A. H. Skalet, “Circulating neoplastic-immune hybrid cells predict metastatic progression in uveal melanoma,” *Cancers*, vol. 14, no. 19, 2022, ISSN: 2072-6694.
- [6] C. M. Hoover, S. L. Rumschlag, **L. Strgar**, A. Arakala, M. Gambhir, G. A. de Leo, S. H. Sokolow, J. R. Rohr, and J. V. Remais, “Effects of agrochemical pollution on schistosomiasis transmission: A systematic review and modelling analysis,” *The Lancet Planetary Health*, vol. 4, no. 7, e280–e291, 2020, ISSN: 2542-5196.