

Stanford



Alisa Levin

Ph.D. Student in Computer Science, admitted Autumn 2021

Bio

BIO

Alisa is a Computer Science Ph.D. student jointly in the Stanford Neural Prosthetics Translational Lab and Linderman Lab, advised by Frank Willett, Jaimie Henderson and Scott Linderman. Her research focuses on cross-brain transfer methods to reduce the data collection burden on new handwriting and speech intracortical BCI users. She is supported by the NSF Graduate Research Fellowship and the Stanford Interdisciplinary Graduate Fellowship. Prior to coming to Stanford, Alisa received her B.S. in Computer Science from Trinity College in 2021, where she conducted research on heart murmur detection and classification.

EDUCATION AND CERTIFICATIONS

- Bachelor of Science, Trinity College , Computer Science (2021)

LINKS

- Neural Prosthetics Translational Lab: <https://nptl.stanford.edu/>
- Linderman Lab: <https://lindermanlab.github.io/>
- LinkedIn: <https://www.linkedin.com/in/alisa-levin/>
- Google Scholar: https://scholar.google.com/citations?hl=en&user=JBheHmAAAAAJ&view_op=list_works&sortby=pubdate

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Robust and generalizable intracortical brain-computer interfaces

Publications

PUBLICATIONS

- **Restoring rapid natural bimanual typing with a neuroprosthesis after paralysis.** *Nature neuroscience*
Jude, J. J., Levi-Aharoni, H., Acosta, A. J., Allcroft, S. B., Nicolas, C., Lacayo, B. E., Card, N. S., Wairagkar, M., Levin, A. D., Brandman, D. M., Stavisky, S. D., Willett, F. R., Williams, et al
2026