

Aditya Yedetore

yedetore@bu.edu • <http://www.adityayedetore.com>

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| EDUCATION | Boston University , Boston, MA ▪ PhD in Linguistics (in progress) 2022 – Present • Advisor: Najoung Kim Johns Hopkins University , Baltimore, MD 2018 – 2022 ▪ BS in Cognitive Science, Computer Science (Double Major) |
| RESEARCH EXPERIENCE | Johns Hopkins University Computation and Psycholinguistics Lab , Undergrad Research 2020 – 2022 ▪ Collaborators: Tal Linzen, Bob Frank, and Tom McCoy Johns Hopkins University Vision and Cognition Lab , Undergrad Research 2019 – 2021 ▪ Collaborators: Nico Arlotti and Justin Halberda |
| PUBLICATIONS | <u>Aditya Yedetore, Tal Linzen, Robert Frank, and R. Thomas McCoy.</u> 2023. How poor is the stimulus? Evaluating hierarchical generalization in neural networks trained on child-directed speech. In <i>Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)</i> , pages 9370–9393, Toronto, Canada. Association for Computational Linguistics. <u>Aditya Yedetore and Najoung Kim.</u> 2024. Semantic Training Signals Promote Hierarchical Syntactic Generalization in Transformers. In <i>Proceedings of the 2024 Conference on Empirical Methods in Natural Language Processing</i> , pages 4059–4073, Miami, Florida, USA. Association for Computational Linguistics. |
| PRESENTATIONS | Poster: “How poor is the stimulus?”, presented at the 61st Annual Meeting of the Association for Computational Linguistics, Toronto, Ontario, Canada, Jul 2023. Talk & Poster: “Semantic Training Signals Promote Hierarchical Syntactic Generalization in Neural Networks”, presented at the 3rd New England Natural Language Processing Meeting, Brown University, Providence, Rhode Island, Apr 2024. Invited Talk: “Effects of Formal and Semantic Training Signals on Hierarchical Syntactic Generalization in Neural Networks”, at the MIT Computational Psycholinguistics Lab, May 2024. Invited Talk: “Semantic Training Signals Promote Hierarchical Syntactic Generalization in Neural Networks”, at the Harvard’s Language and Cognition talk series, Sep 2024. Poster: “Semantic Training Signals Promote Hierarchical Syntactic Generalization in Neural Networks”, at the Boston University Conference on Language Development, Nov 2024. Invited Talk: “Classical Computation in Connectionist Models”, at the Brown University’s ANCOR talk series, Feb 2025. Poster: “Implicit mechanisms for symbol manipulation in RNNs”, at NENLP, Apr 2025. Invited Talk: “Classical Computation and Connectionist Models”, at the Harvard’s Language and Cognition, Feb 2026. |
| TEACHING | Introduction to Linguistics (CAS LX 250, Teaching assistant) Spring 2024 |
| SERVICE | Boston University Conference on Language Development (Organizer) 2024 |
| AWARDS & SCHOLARSHIPS | ▪ Johns Hopkins Summer Pura Award Summer 2020 |