

SNIR HORDAN

PHD STUDENT

CONTACT

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PROFILE

I'm a PhD student at the Technion in the field of Geometric Deep learning supervised by Dr. Nadav Dym. I research and develop GNNs that process geometric data such as point clouds. I have been successful at both theoretically reasoning the GNN implementations I propose and attaining state-of-the-art results on benchmark datasets. Papers I co-authored were accepted to top AI venues such as AAAI and ICML. I'm looking for a student research role.

PROGRAMMING

PyTorch – Research Level
C++ - Undergrad Level

PUBLICATIONS

Hordan, S., Amir, T., Dym, N. (2024) Weisfeiler Leman for Euclidean Equivariant Machine Learning. *The Forty-first International Conference on Machine Learning*.
<https://arxiv.org/abs/2402.02484>

Hordan, S., Amir, T., Gortler, S. J., Dym, N. (2024). Complete Neural Networks for Complete Euclidean Graphs. *Proceedings of the AAAI Conference on Artificial Intelligence*, 38(11), 12482-12490.
<https://doi.org/10.1609/aaai.v38i11.29141>

LANGUAGES

English Native
Hebrew Native

EDUCATION

Technion

BSc. Mathematics (2017-2021)

Grade: 89

Relevant courses: Systems Programming (C++), Deep Learning

Technion

PhD Applied Mathematics (2022-2027 Expected)

Grade: 95

Direct Track PhD

Recipient of Technion's Faculty of Applied Math Excellence Scholarship

SOCIAL MEDIA

LinkedIn -
<https://www.linkedin.com/in/senirhordan/>
Google Scholar - Snir Hordan
Github -
<https://github.com/IntelliFinder>