Adarsh Jamadandi

Research Interests: Graph Representation Learning and

Geometric Deep Learning. Saarland Informatics Campus

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↑ https://adarshmj.github.io
○ Google Scholar

EDUCATION _

Universität des Saarlandes, Saarbrücken, Germany.

November 2020 - Present

Masters in Computer Science Current GPA (ECTS): 2.2/5.0.

B.V.Bhoomaraddi College of Engineering and Technology, Hubli, India.

August, 2014 - June, 2018

B.E in Electronics and Communication Engineering. GPA: 8.42/10.0 Advisor: Prof. Uma Mudenagudi.

Bachelor Thesis: Anomaly Detection in Unlabeled Videos.

Work Experience _

CISPA Nov. 2022 - Present

Research Assistant

Working on Lottery Ticket Hypothesis for Graph Neural Networks.

Modelling and Simulation Lab, Saarland Informatics Campus.

Nov, 2021 - Jan, 2023.

Research Assistant

Working on modelling molecular spectra using Graph Neural Networks.

KLE Technological University, Hubli, India.

April, 2019 - April, 2020

Research Associate

Responsibilities: Deep Learning for Underwater Image Enhancement.

Publications ____

5. Spectral Pruning Against Over-Squashing and Over-Smoothing.

Adarsh Jamadandi, Celia-Rubio Madrigal and Rebekka Burkholz.

Pre-Print

(Under-review), 2024.

4. Graph of Thrones: Adversarial Perturbations dismantle Aristocracy in Graphs.

Adarsh Jamadandi and Uma Mudenagudi.

AAAI, Student Poster, 2021.

Extended Version in Differential Geometry meets Deep Learning Workshop, (NeurIPS), 2020.

3. Probabilistic Word Embeddings in Kinematic Space

Adarsh Jamadandi, Rishabh Tigadoli, Ramesh Tabib and Uma Mudenagudi. International Conference on Pattern Recognition (ICPR), 2020.

2. Exemplar Based Underwater Image Enhancement augmented

by Wavelet Corrected Transforms Adarsh Jamadandi and Uma Mudenagudi .

Computer Vision and Pattern Recognition (CVPR Workshop, Oral), 2019.

1. Learning Hierarchical Representations in Kinematic Space.

Adarsh Jamadandi and Uma Mudenagudi .

Graph Representation Learning Workshop,

Neural Information Processing Systems (NeurIPS), 2019.