

Adarsh Jamadandi

Research Interests : Graph Representation Learning and
Geometric Deep Learning.
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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.

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

KLE Technological University

April, 2019 - April, 2020

Research Associate

Responsibilities : Deep Learning for Underwater Image Enhancement.

Silicon14 Inc.

February, 2017 - May, 2020

Chief Technology Officer and Co-Founder

Responsibilities : Develop hardware augmentations/low-cost sensors
for facilitating rapid prototyping of Embedded systems products.

Indian Institute of Technology, Delhi

June, 2016 - July, 2016

Summer Intern

Advisor : Prof. Premkumar Kalra

Developed a virtually interactive
medical pedagogical tool for performing Craniotomy procedure.

PUBLICATIONS

Conference Publications

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.*

Book Chapters

2. **3D-GCNN - 3D Object Classification Using 3D Grid Convolutional Neural Networks.**
Rishabh Tigadoli, Ramesh Tabib, **Adarsh Jamadandi** and Uma Mudenagudi
Pattern Recognition and Machine Intelligence, Springer, 2019.
1. **A Polynomial Surface Fit Algorithm for Filling Holes in Point Cloud Data.**
Vishwanath Teggihalli, Ramesh Tabib, **Adarsh Jamadandi** and Uma Mudenagudi
Pattern Recognition and Machine Intelligence, Springer, 2019.

SELECTED AWARDS AND HONORS

- **Adarsh Jamadandi**, Sujata C, Uma Mudenagudi and Ashok Shettar,
System and Method for Video Summarization **201941003790, Patent Pending.** *January, 2019*
- **Adarsh Jamadandi** and Samar A M, Accexlron - A Rapid Prototyping Development Board.
Best US-based Project by Hackster.io *March, 2019.*

REFERENCES

Available on Request.