

Rahul Yedida

PH.D. STUDENT

Department of Computer Science, NC State University

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Education

2019 **B.E.**, Computer Science & Engineering, PES University, Electronic City Campus

Research

- 2020 **Improving Deep Learning for Defect Prediction (using the GHOST Hyperparameter Optimizer)**, Rahul Yedida and Tim Menzies *Under Review*
- 2020 **How to Recognize Actionable Static Code Warnings (Using Linear SVMs)**, Xueqi Yang, Jianfeng Chen; Rahul Yedida; Zhe Yu; Tim Menzies *Under Review*
- 2020 **Parsimonious Computing: A Minority Training Regime for Effective Prediction in Large Microarray Expression Data Sets.**, Shailesh Sridhar, Snehanishu Saha, Azhar Shaikh, Rahul Yedida and Sriparna Saha. *In International Joint Conference on Neural Networks (IJCNN) 2020.* *Published*
- 2020 **Evolution of Novel Activation Functions in Neural Network Training and implications in Habitability Classification.**, Snehanishu Saha, Nithin Nagaraj, Archana Mathur, Rahul Yedida. *In SIAM Conference on Mathematics of Data Science (MDS) 2020* *Published*
- 2019 **LipschitzLR: Using theoretically computed adaptive learning rates for fast convergence**, Rahul Yedida, Snehanishu Saha, and Tejas Prashanth *Under Revision*
- 2019 **Optimizing Inter-nationality of Journals: A classical gradient approach revisited via Swarm Intelligence**, Luckyson Khaidem, Rahul Yedida, Abhijit J. Theophilus. *In Springer Communications in Computer and Information Science (CCIS)* *Published*

Conference Activity

2017 **Employee Attrition Prediction**, Rahul Yedida et al. Presented at the RISE 2017 conference.

Campus Talks

- 2018 **An Introduction to Data Analysis**, PES University, Electronic City Campus
- 2018 **Machine Learning**, PES University, Electronic City Campus
- 2018 **How to design a Flappy Bird game**, PES University, Electronic City Campus
- 2017 **Complexity Classes and NP-Completeness**, PES University, Electronic City Campus

Teaching Experience

2019 **Teaching Assistant**, C and Software Tools

Service to Profession

2019 **Technical Program Committee Member**, International Conference on Modeling, Machine Learning, and Astronomy

References

Tim Menzies, Ph.D.

PROFESSOR, NC STATE UNIVERSITY

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Snehanishu Saha, Ph.D.

PROFESSOR, BITS PILANI, GOA CAMPUS

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