

# Yash Singhal

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## Education

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Standard	College/School	Board	Year of Passing	Academic
10 <sup>TH</sup>	St Gabriel's Academy Roorkee	CBSE	2012	10
12 <sup>TH</sup>	Chandra Shekhar Public School	CBSE	2014	82.6%
B.Tech CSE	Jaypee Institute of Information Technology Sector 62	Deemed University	2019	7.2
M.Tech AI	Indian Institute of Technology, Jodhpur	CFTI- Deemed	2022	7.79
PhD CSE	Indian Institute of Technology, Roorkee	CFTI - Deemed	Pursuing	9.375

## Research Publications

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- Y. Singhal, A. Lahiri and A. Sinha "TODD: Time-aware Opinion Dynamics Diffusion Model for Online Social Networks", International Conference on Artificial Intelligence and Applications (ICAIA 2020), Springer, Advances in Intelligent Systems and Computing, ser. 11156, 2020. 11156. <https://bit.ly/3rmXrKf>
- Rathore, H., Singhal; Joseph, G. K. (2023). Social Psychology Inspired Reinforcement Learning Framework for conflict management in Connected Vehicles. IEEE Transactions on Cognitive and Developmental Systems, 1–1. <https://doi.org/10.1109/tcds.2023.3279817>
- Y. Singhal, A. Jain, S. Batra, Y. Varshney and M. Rathi, "Review of Bagging and Boosting Classification Performance on Unbalanced Binary Classification," 2018 IEEE 8th International Advance Computing Conference (IACC) <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8692138&isnumber=8691942>

## Career Highlights

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- **Achieved a High Percentile in Graduate Aptitude Test in Engineering (CS)** - Achieved *All India 315 Rank* in 2023 which translates to a high Percentile (99+) in GATE 2023 Computer Science Subject
- **Won Best Paper Session- Wise ICAIA-2020** The Paper TODD: Time-aware Opinion Dynamics Diffusion Model for Online Social Networks was presented at Social Intelligence and Sustainability Session of the Conference where was It subsequently awarded. The Proceedings of the paper will be published in the Springer Series Advances in Intelligent Systems and Computing
- **Received Best Teaching Assistant Award in IIT Jodhpur** – Received the overall best teaching assistant in the course Data Structures and Algorithms Winter 2021 taught by Somitra Kumar Sanadhya

## Certifications

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- **Google:** Google TensorFlow 2.0 Developer Certificate, Bits and Bytes of Computer Networking
- **Oracle:** Oracle Certified Associate, Java SE 8 Programmer,
- **Udacity:** Machine Learning Engineer Nanodegree by Kaggle, Data Analyst Nanodegree by Kaggle, Tableau
- **NPTEL:** Programming in Java (Elite Gold). Big Data Computing (Elite Silver). Practical Machine Learning with Tensor flow (Elite Silver), Python for Data Science (Elite Silver), Theory of Computation (Elite Silver)