

# Manoj Kumar Lenka

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in manojlenka98

🌐 <https://lenka98.github.io>

## Education

- 2022 – . . . . . **MS, Indian Institute of Technology Madras** in Computer Science & Engineering  
Thesis title: *IoTzing Wi-Fi Sensing Applications*  
Supervisor: *Dr. Ayon Chakraborty*  
CGPA: 8.11/10 (till 4th semester)
- 2016 – 2020 **B.Tech, Kalinga Institute of Industrial Technology** in Computer Science & Eng.  
Major project: *A critical analysis of generative adversarial networks*  
Minor project: *Simplyfy: A complier for a simple language*  
Supervisor: *Dr. Santosh Kumar Pani*  
CGPA: 9.38/10

## Employment

- 2022 – . . . . . **Teaching Assistant**, Department of Computer Science and Engineering,  
Indian Institute of Technology Madras, Chennai
- 2020 – 2022 **Software Developer**, OYO Hyderabad

## Internships

- May 2024 – . . . . . **Research Intern**, Artificial Intelligence Lab,  
Fujitsu Research of India Private Limited, Bangalore
- May 2019 – Jul 2019 **Summer Research Fellow** Dept. of Computer Science & Engineering,  
Indian Institute of Technology Madras, Chennai
- Dec 2018 – Jan 2019 **Research Intern**, Department of Computer Science & Engineering,  
National Institute of Technology, Rourkela

## Research Publications

### Conference Proceedings

- 1 M. Lenka and A. Chakraborty, “On-device deep learning for iot-based wireless sensing applications,” in *2024 IEEE International Conference on Pervasive Computing and Communications Workshops and other Affiliated Events (PerCom Workshops)*, 2024. 🌐 URL: <http://cse.iitm.ac.in/~sense/wisdom/>.

### Miscellaneous (Artifact, Pre-Prints, etc)

- 1 M. Lenka and A. Chakraborty, *Artifact: On-device deep learning for iot-based wireless sensing applications*, 2024. 🌐 URL: <http://cse.iitm.ac.in/~sense/wisdom/>.
- 2 M. Lenka, A. Pandey, and A. Mittal, *Blind deblurring using gans*, 2019. arXiv: 1907.11880. 🌐 URL: <https://github.com/lenka98/Bind-Deblurring-using-GANs>.
- 3 S. Sahu, M. Lenka, and P. Sa, *Blind deblurring using deep learning: A survey*, 2019. arXiv: 1907.10128.

## Technical Skills

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Languages	📖	Strong reading, writing and speaking competencies for English and Hindi.
Coding	📖	Java, PHP, Python, SQL, C/C++, Ruby
Databases	📖	MySQL, PostgreSQL, MongoDB, Redis
Web Dev	📖	HTML, CSS, JavaScript, Spring, Kubernetes
Machine Learning	📖	Tensorflow, Tensorflow Lite/Micro, Keras, Scikit, Pandas, Numpy, Matplotlib
Hardware	📖	ESP32, Arduino, RaspberryPi, Zedboard, Power Profiler Kit
Misc.	📖	LaTeX, Git/GitHub

## Awards and Certifications

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2024	📖	<b>Best Technical Presentation</b> award at the All Indian Research Scholar Summit
	📖	<b>Star TA</b> award by IIT Madras for performance in Teaching Assistantship
2022	📖	<b>Graduate Aptitude Test in Engineering (GATE) for Computer Science (CS)</b> Rank: 444 (out of 78K applicants); Score: 727
2021	📖	Certificate of Achievement – <b>Cost Warrior</b> by OYO for saving OPEX cost by efficient software implementation and resource allocation.
2019	📖	Awarded <b>The Indian Academy of Sciences - Summer Research Fellowship</b>