



Manoj Kumar Lenka

✉ cs22s008@cse.iitm.ac.in



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: 8.40/10 (till 3rd 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 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

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

2022	📖	Graduate Aptitude Test in Engineering (GATE) for Computer Science (CS) Rank: 444 (out of 78K applicants), Score: 727
2019	📖	Awarded The Indian Academy of Sciences - Summer Research Fellowship