

AMISHA GANGWAR

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[LinkedIn](#) | [Github](#) | [Medium](#) | [Portfolio](#)



EDUCATION

UNIVERSITY OF ALLAHABAD

Bachelor of Technology in Computer Science and Engineering. GPA- 9.28/10.00 (Till 6th SEM)

Prayagraj, UP

Aug 2018- May 2022

EXPERIENCE

DEFENCE RESEARCH AND DEVELOPMENT ORGANIZATION (DRDO)

(Terminal Ballistic Research Lab)

Chandigarh

Jul 2021- Sep 2021

Research Intern

- Worked on GUIs for Emerging Armanent Applications: Exploding Bridge Wire and Explosive Welding.
- Assist on fire and riot detection prototype system.

INTERNITY FOUNDATION

Machine Learning Mentor

New Delhi (Remote)

May 2021 – Jul 2021

- Curated the Machine Learning algorithms modules and Colab notebooks for trainee's lecture.
- Guided the trainees on the model – Sentiment Analysis of Movie Reviews (Stanford dataset). [LINK](#)

MEDTOUREASY

Data Scientist Intern

New Delhi (Remote)

Jan 2021 – Feb 2021

- Analyzed the data collected by fitness trackers of the runners on the application using ML algorithms.
- Provided data-driven answers for all queries in the running report for the runner. i.e., progress, best performance, training goals, daily speed, distance intensity. [LINK](#)

INDIAN INSTITUTE OF TECHNOLOGY, DELHI

Summer Trainee

New Delhi

June 2019 – July 2019

- Developed Smart Irrigation and Water Level Management System for drought-prone areas using IoT setup and ThingSpeak analytics.
- Attended workshops for machine learning, cloud computing, and big data analytics.

PROJECTS & PUBLICATIONS

AIR POLLUTION MONITORING AND FORECASTING SYSTEMS

- Designed an IoT-based model for the real-time monitoring system. Arduino, MQ135, DHT11 were used for the outer circuit.
- Working on various Supervised ML algorithms to improve the Forecasting model.
- Submitted a review paper.

AUTOMATED CRYPTO NEWS WITH DEEP LEARNING [LINK](#)

- Developed a pipeline to get summarized Yahoo news, sentiments, and URLs related to Bitcoin, Ethereum, and Dogecoin in form of a CSV file.
- Summarized the scraped news using financial summarization Pegasus model and automated using python script.

CERTIFICATIONS

Machine Learning - Coursera

Structuring Machine Learning Projects – Coursera

Neural Networks and Deep Learning – Coursera

Improving Deep Neural Networks - Coursera

SKILLS AND INTERESTS

Programming: C, C++, Python, MATLAB

Tools: Arduino, Keras, TensorFlow, OpenCV

VOLUNTEERING EXPERIENCE

Youth Empowerment Foundation

Jan 2021- Present

Designed various Digital posters for social media platforms as well as taught underprivileged students basic computers applications like Word and Paint.