AMISHA GANGWAR

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EDUCATION

UNIVERSITY OF ALLAHABAD   Prayagraj, UP
Bachelor of Technology in Computer Science and Engineering**. GPA- 9.3/10.00** (Till SEM 6th)   **Aug 2018- May 2022**

EXPERIENCE

DEFENCE RESEARCH AND DEVELOPMENT ORGANIZATION (DRDO)   Chandigarh
(Terminal Ballistic Research Lab)
  Research Intern   **Jul 2021- Present**
- Working on a Classified Project related to GUI and Image Detection.

INTERNITY FOUNDATION   New Delhi (Remote)
  Machine Learning Intern   **May 2021 – Jul 2021**
- Curated the Machine Learning algorithms modules and Colab notebooks for trainee's lecture.
- Developed a sentiment analysis model -Movie Review Data (Stanford) **[Link]**

MEDTOUREASY   New Delhi (Remote)
Data Scientist Intern   **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]**
- Compiled and forecasted marketing strategy reports of Android applications using algorithms and visualization.

INDIAN INSTITUTE OF TECHNOLOGY, DELHI   New Delhi
Summer Trainee   **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

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 research paper.

AUTOMATED CRYPTO NEWS WITH DEEP LEARNING
- Developed a pipeline to get summarized Yahoo news, sentiments and URLs related to Bitcoin, Ethereum and Dogecoin in form of a CSV file. **[Link]**
- Summarized the scraped news using financial summarization Pegasus model and automated using python script.

CERTIFICATIONS

Machine Learning - Coursera   **Improving Deep Neural Networks**: Hyperparameters
Neural Networks and Deep Learning – Coursera   Tuning, Regularization and Optimization- Coursera
Structuring Machine Learning Projects - Coursera

SKILLS AND INTERESTS

Programming:C, C++, Python, MATLAB   **Tools:** Arduino, Keras, TensorFlow, OpenCV