SANYAM PANDITA

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EDUCATION

Chandigarh university   **2021 to 2025**
- B.E. CSE (Hons.) with Specialization in Artificial Intelligence and Machine Learning
- CGPA aggregate till date – 8.4 GPA (4th Sem)

Delhi Public School Indirapuram   **2021**
- 12th Class – 89.8%
- 10th Class – 85%

WORK EXPERIENCE

DRDO🌐 | *Intern*   **July 23 to Aug 23**
1. Explored the intricacies of Deep Learning techniques, encompassing **ANN**, **CNN and RNN**.
2. Applied this knowledge actively to propel the development of practical implementations, fostering a deeper understanding of their real-world applications. Successfully devised and executed fundamental codes for various Deep Learning models, showcasing a comprehensive mastery of their workings and applications
3. Championed the fundamentals of **cryptography** and **cryptanalysis**, studying encryption and decryption techniques.
4. Orchestrated the implementation of **AES Block Cipher technology**, significantly contributing to the evolution of secure encoding practices in **Cryptology**.

PROJECTS

Object Detection Using Machine Learning, TensorFlow   [*Working Link* 🌐] [*Github Links* 🌐]
The team worked together to prepare a model that would detect the basic objects around us and produce a category of the object detected.
1. Led a team of 5 students in a semester-long project on Object Detection using Machine Learning and TensorFlow.
2. Spearheaded the development of a robust model for detecting various objects and efficiently categorizing them.
3. Applied Machine Learning concepts to the model and seamlessly integrated TensorFlow Lite with an Android app for user-friendly object detection.
4. Successfully presented the project to a panel of experts, receiving positive feedback for our innovative approach and successful implementation.

SKILLS

C++ | Python | Machine Learning | SQL | HTML | CSS | Prompt Engineering | Communication | Leadership | Team Work

ACHIEVEMENTS

1. An Introduction to Programming through C++ => **NPTEL**🌐=> **<SILVER MEDAL>**
2. Solved more than 100+ DSA Questions on various coding platforms like **Leetcode**🌐,**Code Studio**🌐, **Geeks for Geeks**🌐, **Code Chef**.

CERTIFICATIONS

1. The Complete 2023 Web Development Bootcamp (In progress) - Udemy
2. Python for Data Science and Machine Learning Bootcamp (In progress) - Udemy
3. Course Certificate for Supervised Machine Learning: Regression and Classification – Coursera
4. Master C++ 17 & Build 10 PC Apps in 2022 – Novice to Expert – Coursera