Aditi Saxena

Eager to gain hands-on experience through an internship opportunity where I can apply my technical skills in a practical setting. My core strength is my creative mind towards problem solving and the ability to come up with innovative solutions.

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WORK EXPERIENCE

Data Science Intern
Airtel Payments Bank
01/2025-04/2025

- Worked in the Technology department, focusing on Image Authentication and Text Verification in the Data Science team.
- Designed a liveness detection module using YOLOv8 to identify rephotographed images, reducing false positives in KYC authentication by 35% through rephotograph detection.

SKILLS

Programming Languages:
C++, Python, Html, SQL.

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Operating Systems, DBMS, Problem Solving, Computer Networks, AI/ML, Deep Learning, Computer Vision.

Tools & Technologies: Android Studio (novice), Power BI, VS Code, Adobe Photoshop, Microsoft Excel, Canva.

Additional Skills: Content Writing, Event Management, Presentation & Pitching Skills, English & Hindi Proficiency.

EDUCATION

Bachelor of Technology (Computer Science & Engineering)
Bennett University, Greater Noida
Expected Graduation 06/2026 CGPA: 8.59/10 (Current)

- Specialization: Data Science

XII (Senior Secondary), Science
1st Division
Shri Gulab Rai Montessori Sr. Sec. School, Bareilly
04/2021-04/2022

X (Secondary)
1st Division
Shri Gulab Rai Montessori Sr. Sec. School, Bareilly
04/2019-04/2020

PERSONAL PROJECTS

Vision Verify
02/2025-04/2025

- Built a YOLOv8-based model to classify live vs. rephotographed images for liveness detection.
- Achieved 90.8% mAP@50–95 on a custom object detection task using YOLOv8n, optimized over 50 epochs with advanced data augmentation and mixed-precision training.
- Tools Used: Python, YOLOv8, Computer Vision

Parallel Pharmacy
02/2024-04/2024

- Developed a website that allows users to scan and decode handwritten prescriptions using CNN.
- Achieved over 92% character-level OCR accuracy on handwritten prescriptions using Tesseract OCR fine- tuned with domain-specific preprocessing techniques.

Hangman
10/2022-12/2022

- Developed an interactive Hangman game using Python and Pygame libraries.
- Implemented word guessing functionality with hints for each word and dynamic display of correct/incorrect guesses.
- Added sound effects using the mixer module, including background music, click sounds, and win/loss effects.

CONTRIBUTIONS

- Graphic Designer for Rivaaz Dance Club: Created engaging posters and digital content for the club's Instagram page, boosting their social media presence and event promotion.
- Collaborated in organizing Bennovate, an entrepreneurship event, and assisted in a campus blood donation drive by coordinating with donors and ensuring smooth event operations.

CERTIFICATIONS

- Algorithmic Toolbox
- Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
- Exploratory Data Analysis for Machine Learning
- Data Structures
- Introduction to Artificial Intelligence (AI)
- Fundamentals of Deep Learning-NVIDIA