Saksham Saxena

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LinkedIn GitHub

EDUCATION

Bachelor of Technology in Computer Science, *GLA University, Mathura* June 2026

Intermediate, Romex International School , May 2022

High School, Romex International School , Mathura, May 2020

INTERNSHIP/ TRAINING EXPERIENCE

Softwarez TechnoCrew (*FrontEnd Intern*) June 2024 – August 2024

- Designed responsive frontend templates using **HTML, CSS, JavaScript**, and **Bootstrap**
- Collaborated on product display and listing improvements for better **user interaction and visual flow**

PROJECTS

Motion Detection algorithm GITHUB

- Developed a **Convolutional Neural Network (CNN)** model for recognizing mathematical symbols
- Used **OpenCV** for image preprocessing and **contour detection** to segment and process input equations
- Integrated prediction and evaluation logic to solve full math expressions from segmented images

Classification of Diseases Drive

- Built and evaluated **a machine learning model using deep learning (TensorFlow/Keras)** for classifying HIV-related activity
- Achieved 94.26% accuracy and used precision and recall metrics for validation
- Demonstrated the use of structured feature input and a complete **training-to-prediction pipeline**

Handwritten Equation Solver. GITHUB

- Created a real-time motion tracker using **Python and OpenCV** to process and monitor webcam input
- Extracted insights like event start and end times using **Pandas**, simulating event tracking in user environments
- Helped in understanding how **user behavior patterns** could be monitored and analyzed

SKILLS

Technical	Professional
Python, Machine learning	Effective Communication Skills
Deep Learning, HTML	Interpersonal Skills
CSS	Team Work

PROFESSIONAL ACHIEVEMENTS/ INSIGHTS

- Certified in Machine Learning by Udemy.
- Web Development By Internshala Trainings

CO-CURRICULAR ACTIVITIES

- Coordinator of Youth week 2025 (NSS , GLA, January, 2025).
- Head Event team (NSSGLAU , Present)

DECLARATION

I hereby declare that all the above mentioned information is true and correct to the best of my knowledge.