GAUTAM KUMAR

AI & ML Research Student | Galgotias University

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ABOUT ME

I am Gautam Kumar, a 2nd-year BCA (Hons) student and research enthusiast at Galgotias University. Passionate about coding, artificial intelligence, and machine learning, I constantly seek to innovate and solve real-world problems. My research interests include deep learning, data science, and automation, where I aim to develop impactful solutions that bridge technology and human advancement. Always eager to learn and grow, I actively seek opportunities to enhance my skills, collaborate on exciting projects, and gain hands-on experience in emerging technologies.

EDUCATION

MATA SHIV DEVI SENIOR SECONDARY SCHOOL , DELHI   2020-2023
Passout 10 and 12 from CBSE Affilated Private School

GALGOTIAS UNIVERSITY , GREATER NOIDA   2023-2027
Currently Ongoing BCA (HONS. WITH RESEARCH) IOP AIML

SKILL

- Programming & Software Development
- Collaboration & Continuous Learning
- Web Designing
- Communication
- Artificial Intelligence & Machine Learning
- Research & Innovation

RESEARCH AND PROJECT

Object Detection Model using PYTHON

Object Detection Model is built using Python and TensorFlow, leveraging deep learning techniques to detect and classify objects within images or video frames.

- Framework & Libraries: Implemented using TensorFlow, OpenCV, and NumPy for deep learning and image processing.
- Training & Optimization: Utilized transfer learning and fine-tuning to improve accuracy while reducing training time.

Voting System using JAVA

A Voting System using Java is a software application that allows users to cast and manage votes securely and efficiently. It can be implemented as a console-based, desktop, or web-based application using Java and related technologies.

- User-Friendly Voting Interface: A simple GUI-based system where users can vote with a single click.
- Real-Time Vote Count: Instantly updates and displays the current vote count for each candidate.

Voice Assistant using PYTHON

A Voice Assistant using Python with BeautifulSoup can perform various tasks like fetching news, weather updates, Wikipedia summaries, and automating basic system commands.

- Speech Recognition: Converts voice input into text using SpeechRecognition.
- Web Scraping with BeautifulSoup: Fetches real-time data like news, weather, or facts.