

ARUN SINGH THAKUR

AI ENTHUSIAST

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portfolio

ABOUT ME

I am passionate about using data to drive insights and decision-making. Through my coursework and personal projects, I have gained experience in statistical analysis, machine learning, deep learning, and programming languages. I am a quick learner, detail-oriented, and enjoy solving complex problems. I am seeking an internship or entry-level role where I can continue to learn and grow in the field of artificial intelligence while contributing to a dynamic team.

EDUCATION BACKGROUND

NIIT UNIVERSITY

Bachelor of Technology in Computer Science 2020 - 2024

SKILLS

- **Programming Languages:** Python
- **Machine Learning:** Scikit, NLTK, TensorFlow, Keras
- **Database Systems:** MySQL, MongoDB, Git,
- **Data Visualization:** Numpy, Pandas, Matplotlib, Seaborn, Tableau
- **Deep learning frameworks:** (CNNs), (RNNs), (GANs)
- **Design and Front-End:** Figma, Canva, HTML, CSS
- **Strong analytical and problem-solving skills**

PROJECTS

- SALES FORECASTING** **May 2023 - present**
 - Spearheaded a project to forecast weekly store sales using **ARIMA** model.
 - Analyzed time-related and spatial features to understand their influence on sales.
 - Explored the correlation between sales and holidays, highlighting substantial sales increase during holidays
- SENTIMENT ANALYSIS** **Jan 2023 - May23**
 - Explored the Amazon food review dataset, performed feature engineering, and trained various classifiers to predict sentiment.
 - Implemented traditional nlp method **VADER Sentiment Scoring**, **LSTM** and **Roberta Model** for sentiment analysis and compared their performance
 - Visualized the comparative results using appropriate data visualization techniques.
- RESEARCH & DEVELOPMENT** **Jan 2023 - May23**
 - Contributed to the development of a fenceless intruder detection system using lasers and computer vision.
 - Implemented and fine-tuned the **YOLO** (You Only Look Once) model for real-time object detection and tracking.
 - Optimized the YOLO model for efficiency and accuracy in identifying potential intruders.

POR

Google Developer Student Club -
NIIT University

Technical Lead (Feb 2023 - Present)

AI/ML Lead (Sep 2022 - Feb 2023)

ACTIVITIES

Centre for Innovation Incubation &
Entrepreneurship (CIIE)

Runner up at pitch preneur

Hult Prize NIIT University

Presented our idea of smart parking solutions