

# ARUN SINGH THAKUR

## DATA SCIENTIST

- +91 8269895993
- arunt7767@gmail.com
- github.com/arunt7767
- digital 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, data visualisation , 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 data science while contributing to a dynamic team.

### EDUCATION BACKGROUND

#### NIIT UNIVERSITY

Bachelor of Technology in Computer Science 2020 - 2024

### SKILLS

- Programming Languages:** R, Python, SQL
- Machine Learning:** Scikit, NLTK, TensorFlow, Keras
- Cloud and Database Systems:** MySQL, PostgreSQL, SQLite, MongoDB, AWS, Git, Docker
- Data Visualization:** Numpy, Pandas, Matplotlib, Seaborn , Tableau, Power BI,
- Design and Front-End:** Figma, Canva, Streamlit, HTML, CSS
- Strong analytical and problem-solving skills**

### PROJECTS

#### 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.

#### SENTIMENT ANALYSIS Jan 2023 -May23

- Explored the Amazon food review dataset, performed feature engineering, and trained various classifiers to predict sentiment.
- Implemented neural network models for sentiment analysis and compared their performance with traditional algorithms.
- Visualized the comparative results using appropriate data visualization techniques.

#### 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

### 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