

ATHARV SRIVASTAVA

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Summary

Computer Science undergraduate specializing in **Machine Learning and Data Science** with experience in building ML-driven applications and performing end-to-end data analysis. Skilled in **Python, NLP, data preprocessing, and model evaluation**, with research publications in **Springer conferences**. Seeking **Machine Learning / Data Science Internship** roles.

Education

Allenhouse Institute of Technology, Kanpur
B.Tech in Computer Science

Aug 2023 – Present
CGPA: **8.78/10**

Experience

Frontend Developer Intern

Codveda Technologies

- Developed **responsive UI components** using HTML, CSS, and JavaScript to improve user experience
- Collaborated with backend teams to integrate APIs and enhance application functionality
- Performed testing and debugging to improve feature reliability

Campus Ambassador

Internshala

- Promoted internship programs to **200+ students**, increasing engagement
- Organized awareness campaigns leading to improved participation rates

Projects

TrafficIQ

HTML, CSS, JavaScript

- Built an interactive **traffic analysis dashboard** with map-based visualization
- Integrated APIs to analyze **travel time, routes, and congestion patterns**
- Identified **accident-prone areas** to enable safer navigation

AI Emotion Detector

Python, Flask, NLP

- Developed an **NLP-based emotion classification model** using scikit-learn
- Applied **data preprocessing and feature engineering** to improve model performance
- Used for **sentiment analysis and behavioral insights**

Research & Publications

Generating Smarter Suggestions: Graph Theory in Recommendation Systems

Published in ICMLCS-25 (Springer Conference)

Bridging Intelligence and Encryption for Safer Cyberspace

Presented at ICCNSML-25 (Springer Conference)

Certifications

Google Advanced Data Analytics Professional Certificate
Google Data Analytics Professional Certificate
Python for Data Science, AI and Development
Foundations of Machine Learning
Introduction to Frontend Development

Google
Google
IBM
Coursera
Meta

Skills

Programming	Python, C++
Machine Learning	NLP, Pandas, NumPy, scikit-learn, Feature Engineering, Model Evaluation
Web Development	HTML, CSS, JavaScript, Flask
Core CS	Data Structures & Algorithms, DBMS, OOPs, Computer Networks
Tools	SQL, MS Excel, Matplotlib