

# Shad Jamil

+91 8840581967 | [shad.datascience@gmail.com](mailto:shad.datascience@gmail.com)

[linkedin.com/in/shadjamil](https://linkedin.com/in/shadjamil) | [shad-datascience.github.io](https://shad-datascience.github.io) | [github.com/shad-datascience](https://github.com/shad-datascience)

## SUMMARY

Computer Science postgraduate specializing in AI/ML with experience delivering 4+ real-world data science and NLP projects. Proficient in Python, TensorFlow, and PyTorch, with 3+ certifications in machine learning and deep learning. Recognized for strong communication and leadership skills through technical coordination and high-impact event execution.

## EDUCATION

### Department of Computer Science, University of Delhi

*MSc in Computer Science, 9 SGPA*

New Delhi, Delhi

*Aug. 2024 – Present*

### Aryabhata College, University of Delhi

*BSc (H) in Computer Science, 8.4 CGPA*

New Delhi, Delhi

*Aug. 2021 – May 2024*

## TECHNICAL SKILLS

**Coursework:** Data Structures, Design and Analysis of Algorithms, DBMS, Deep Learning, DIP, NLP

**Languages:** Python, C/C++, SQL (MySQL), HTML/CSS

**Frameworks:** Flask, FastAPI

**Libraries:** Pandas, NumPy, Matplotlib, Tensorflow, PyTorch

**Developer Tools:** Git, Github, Docker, PyCharm, VS Code

## EXPERIENCE

### Placement Co-ordinator

*Department of Computer Science*

Nov 2024 – Present

*University of Delhi, New Delhi*

- Organized 5+ alumni sessions that helped 150+ students for interviews and coding rounds.
- Effective communication with a collaborative approach to bridging the gap between students and the corporate world.
- Actively maintaining constant communication with 10+ HRs/Alumni to explore and secure placement opportunities

## PROJECTS

### ML-Based Diagnosis and Management of Pediatric Appendicitis

*Python, Scikit-learn, NumPy, Pandas, Seaborn, Matplotlib*

- Built a multimodal ML model using 700+ clinical records and 2000+ ultrasound images.
- Applied preprocessing, radiomics feature extraction(700+ features), and feature selection.
- Achieved 99% AUROC (diagnosis) and 100% AUROC (management) using XGBoost and RF Classifiers.
- Used Explainable AI (SHAP Value) to interpret the model's output; identified top 20 contributing features.
- Proposed a hybrid approach to automate clinical diagnosis reducing manual interpretation.

### Sarcasm Detection in Code-Mixed Hinglish Tweets

*Python, Scikit-learn, TensorFlow, NumPy, Pandas, Seaborn*

- Built a sarcasm detection pipeline for 10k+ Hinglish tweets.
- Performed lemmatization, hinglish stopword removal and custom conversion of 50+ slang terms.
- Utilized Multilingual RoBERTa (mRoBERTa) for contextualized 768-dimensional embedding and 3-dimensional Sentiment Intensity Value
- Fine-tuned a deep neural network architecture using Grid Search Cross Validation to optimize hyperparameters across 25+ configurations
- Achieved 98% classification accuracy using a Multi-Layer Perceptron (MLP)

## ACHIEVEMENTS AND POSITIONS OF RESPONSIBILITY

- Organizer and Host :** HackDUCS2025, The Flagship Event of SANKALAN'25
- HackArena Winner :** 1st position in Inter College Hackathon organised by ACM Chapter DDUC