

Shad Jamil

+91 8840581967 | shad.datascience@gmail.com

linkedin.com/in/shadjamil | shad-datascience.github.io | github.com/shad-datascience

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

- * Developed a multimodal machine learning model using tabular clinical data and ultrasound images for diagnosis and management of Pediatric Appendicitis
- * Applied data preprocessing, radiomics feature extraction, and feature selection techniques
- * Trained and evaluated multiple ML models including XGBoost, LightGBM, Random Forest, achieving up to 99% AUROC for diagnosis and 100% AUROC for management prediction
- * Used Explainable AI techniques (SHAP values) to interpret model outputs and identify key features
- * Proposed a hybrid approach that reduces manual interpretation in clinical diagnosis, enhancing automation and efficiency.

Sarcasm Detection in Code-Mixed Hinglish Tweets Using NLP and Deep Learning

Python, Scikit-Learn, Tensorflow, Numpy, Pandas, Seaborn

- * Designed and implemented a sarcasm detection pipeline for code-mixed Hinglish tweets using advanced NLP
- * Performed data preprocessing including lemmatization and removal of custom Hinglish stopwords
- * Utilized Multilingual RoBERTa (mRoBERTa) for tweet vectorization
- * Trained and evaluated multiple classifiers; Multilayer Perceptron (MLP) achieved the best performance with 98% accuracy

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