



TAPON PAUL

Data Scientist

About Me

I am a passionate Machine Learning and Deep Learning enthusiast with two years of experience in developing AI models, feature selection, and model explainability. My interest in AI drives me to explore innovations, optimize models, and contribute to impactful research.



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Nayarhat, Savar, Dhaka, Bangladesh

Language

- English
- Bangla

Expertise

- Machine Learning & Deep Learning
- Data Analysis & Predictive Modeling
- Feature Selection & Model Optimization
- Explainable AI (SHAP, LIME, Grad-CAM)
- Data Preprocessing & Model Evaluation
- Statistical Analysis & Data Visualization

Experience

Machine Learning Research Intern Research Volume-05, Computer Programming Club (CPC), DIU August 2024 – December 2024

Developed AI models and implemented machine learning algorithms to solve complex computational problems, applied feature selection techniques (ANOVA, LASSO, Chi-square) to optimize models and enhance accuracy, and collaborated with peers in research projects to improve model explainability using SHAP and LIME

Executive Member Computer Programming Club (CPC), DIU September 2023 – Present

Contributed to organizing and leading community-driven coding challenges, fostering problem-solving and collaboration, and mentored junior members in competitive programming and AI techniques, improving the overall community skill set.

Education

Daffodil International University Bachelor of Science in Computer Science & Engineering January 2022 - December 2025

Publications

Title of Research Paper 1 – Journal, Year

- DOI: [link]
- Brief description or key highlights of the paper (optional).

Title of Research Paper 2 – Journal, Year

- DOI: [link]
- Brief description or key highlights of the paper (optional).

Skills Summary

Programming (Python, C++, MATLAB)	<div><div></div></div>	90%
Data Analysis & Feature Engineering	<div><div></div></div>	85%
Statistical Analysis & Data Visualization	<div><div></div></div>	81%
Explainable AI	<div><div></div></div>	80%