

Piyal Chakraborty

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Born: 19 August, 2002

SUMMARY

I'm studying Bachelor of Science in Electronics and Telecommunication Engineering at CUET, passionate about Machine Learning, Deep Learning and Data Science. Eager to explore real-world applications, I aim to learn, collaborate, and make an impact through data-driven solutions.

SKILL SUMMARY

- ✓ **Languages:** Python, C, C++, HTML, React.js, Tailwind CSS, Node.js
- ✓ **Frameworks:** Pandas, Numpy, Scikitlearn, Matplotlib, OpenCV
- ✓ **Tools:** MS WORD, EXCEL, POWERPOINT
- ✓ **Platforms:** PyCharm, Jupyter Notebook, Visual Studio code, KAGGLE

INTERESTS

- ♥ Machine Learning, Deep Learning, Data Science.
- ♥ Music, Gaming, Football.

EDUCATION

B.Sc in Electronics and Telecommunication Engineering (ETE)

Chittagong University of Engineering & Technology, Bangladesh

01/2023 - Present

Relevant Courses: Signals & Systems, Control System, Data Structures & Algorithms, Digital Signal Processing, Digital Communication

CGPA: 3.77

Higher Secondary Certificate (HSC)

Govt. Hazi Mohammad Mohsin College, Bangladesh

01/2019 - 12/2021

GPA: 5.00

PUBLICATIONS

- **A PARALLEL CNN-ViT FEATURE EXTRACTION FRAMEWORK WITH BAYESIAN-OPTIMIZED SVM FOR SEMICONDUCTOR WAFER MAP DEFECT CLASSIFICATION.**

This paper has been presented in the 3rd International conference on Big Data, IoT and Machine Learning, BIM 2025 <https://confbim.com/> also published in SPRINGER LECTURE NOTES IN SYSTEMS.
26/09/2025

PROJECTS

Deep Learning

03/2025-Present

- Repository with Deep learning basics and projects
- [GitHub link](#)

Machine Learning

08/2024 - Present

- Repository with ML algorithms, preprocessing, and deep learning using scikit-learn, TensorFlow, and PyTorch.
- [GitHub link](#)

Pandas Project - Data Analysis & Manipulation

07/2024 - Present

- Showcasing various projects demonstrating Pandas data analysis techniques.
- [GitHub link](#)

Python Projects

11/2023 - Present

- [GitHub link](#)

Web Development Projects

09/2023 - 10/2023

- Front-end projects in web development.
- [GitHub link](#)

EXTRA CO-CURRICULUM

🏆 Executive member at IEEE CUET SB.

🏆 General member at JOYODDHONY CUET