MD. Tahidul Islam

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Summary

I am a Computer Science student at Pabna University of Science and Technology with expertise in **machine learning**, **deep learning**, **competitive programming**, and software development(basic). Passionate about **AI research** and solving real-world problems.

Technical Skills

- **Programming**: C, C++, Python, Java, SQL
- **Machine Learning**: Supervised, Unsupervised, Reinforcement Learning
- **Deep Learning**: Computer Vision (basic), CNNs, RNNs
- **NLP**: Tokenization, LSTM, GRU, NLTK, SpaCy
- **Tools**: Pandas, Matplotlib, Scikit-learn, PyCaret, Numpy, PyTorch, TensorFlow, OpenCV, Git, LaTeX

Programming Contests

- **ICPC Asia Dhaka Regional Contest Participant (Onsite) (Hosted by DIU-2024)**
- **ICPC** Asia Dhaka Regional Contest Participant (Online) (2022,2023,2024)
- **IEEE** Programming Contest (2024)
- Intra-University Programming Contest by **Solver Green** (2023)
- Intra-University Programming Contest (2023)

Research and Publications

- *Breast Cancer Detection Using Deep Learning Networks* (**Accepted**) at UCICS-VU (2025)
- *Catboost-Based Sadhu Chalit Classifier* (**Submitted**) to GUBJSE (2024)
- *Deep Learning-Based Bangla Dialect Classification* (**Submitted**) to NCIM-DUET (2025)
- *Handwriting-Based ADHD Detection* (**Submitted**) to NCIM-DUET (2025)

Education

- **Pabna University of Science and Technology**   *2020 -2025(expected)*
  B.Sc. in Computer Science and Engineering (CGPA: 3.61 after 6th semester)

- **Tilna Degree College**   *2017 - 2019*
  Higher Secondary Certificate (GPA: 4.75)

Speciality

- **Digital image processing with AI**
- **Computer Vision with Deep Learning**
- **Specialized in Visual Data Analysis and ML model development**

Problem Solving

- ***Codeforces:*** Solved more than 700 problems. Max rank: Pupil(1243)
- ***Leetcode:*** Solved more than 180 problems.
- ***Codechef:*** Solved more than 100 problems.
- ***Atcoder:*** Solved more than 20 problems.
- ***CSES:*** Solved more than 30 problems.
- ***LightOJ:*** Solved more than 30 problems.
- ***Others:*** Solved more than 20 problems.

Interests

- Cybersecurity, GAN, AI in Healthcare and Education
- Politics
- Research and Development