

RATNAJIT DHAR



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ratnajit-dhar



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Chittagong | Bangladesh

SUMMARY

I am Ratnajit Dhar, an undergraduate student in Computer Science & Engineering with a passion for continuous learning. As a competitive programmer, I've enhanced my logical and critical thinking skills. Currently, I'm focusing on Machine Learning and Deep Learning, aiming to contribute through innovative projects. My experience with various organizations has strengthened my leadership and organizational abilities, ensuring efficient task coordination and goal achievement.

EDUCATION

Bachelor of Science in Computer Science & Engineering

March 2022 - Present

Chittagong University of Engineering & Technology

- 3.80/4.00 (Till 5 Semester)

WORK EXPERIENCE

Project Intern - Green Lead

June 2024 - Present

- Currently working on a project named **Re-Energized Bangladesh** on the **Climate Intelligence Technology** Team which involves creating a renewable energy dashboard for Bangladesh.

SKILLS

Programming Languages: C, C++, Python

Database: MySQL, Firebase

AI: Numpy, Pandas, Seaborn, Matplotlib, PyTorch

Tools: Github, LaTeX, Google Colab

Soft Skills: Content Writing, Event Management

Design: Illustrator, Canva

Technical: Word, Powerpoint, Excel

COMPETITIVE PROGRAMMING EXPERIENCE

- Specialist in Codeforces
- Participated in **CUET Inter University Programming Contest 2024**
- Participated in **ICPC Asia Dhaka Regional 2024**

PROJECTS

Handwritten Digit Recognition

- Tech Stack used - Python, Tensorflow, Streamlit
- Deployed on Streamlit
- Used Machine learning algorithms to classify digits

CGPA Calculator for CUET Students

- Tech Stack Used - HTML, CSS, Python, Flask
- Applied data cleaning for better view

CUET Thesis & Project Portal

- Developed Backend using Firebase

TuitionEase

- Tech Stack used - HTML, CSS, Bootstrap, Javascript, PHP, MySQL
- Website for managing tutor schedules and profiles.

ZenSpace - Meditation Based Software

- Built using JavaSwing
- Backend used - SQL

PUBLICATION

- Short-Term Wind Speed Forecasting Using Different LSTM Deep Learning Methods**

January 2025

EXTRACURRICULAR ACTIVITIES

- Founder & General Secretary - Collegiates Cultural Club
- Secretary of Finance & Operations - Hult Prize at CUET
- Assistant Manager - Public Relations - Prottyush

October 2017 - August 2018
November 2023 - February 2024
August 2021 - October 2022