

Atin Chowdhury

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in Atin Chowdhury | 📄 Leetcode: [Atin Chowdhury](#)

EDUCATION

- **Indian Institute of Information Technology, Sri City** Chittoor, India
Bachelor of Technology - Computer Science & Engineering; CGPA: 8.2/10 Aug 2023 - May 2027
- **Berhampore J N Academy** Berhampore, India
WBCHSE(XII); Percentage: 84% April 2020 - April 2022

PROJECTS

- **Moon Crater Detection using YOLOV8n**
 - Built a model using YOLOV8n and OpenCV that detects the craters on the moon and find the diameter, area and selenographic coordinates of the craters.
- **Face Mask Detection using CNN (VGG16)**
 - Developed a deep learning model using VGG16 architecture capable of detecting whether a person in live camera feed is wearing a mask or not. Integrated with OpenCV for real-time video processing.
- **Movies Recommender System**
 - Built a recommender system to suggest similar movies based on users' personal interests by analyzing the movies they have watched. Implemented collaborative filtering, text vectorization and content-based algorithms to enhance recommendations.

RESEARCH INTERESTS

- Research under Dr. Mainak Thakur on Spatiotemporal Analysis and Time Series Forecasting
- Research under Dr. Piyush Joshi on Reinforcement Learning, Computer Vision, and Robot Operating System (ROS)

ACHIEVEMENTS

- 3rd rank in Codathon Beginner - Gradient Club

SKILLS

- **Languages:** C, Java, Python, HTML, CSS
- **Frameworks:** Streamlit, Pyplot, Matplotlib, ROS2
- **Tools & Utilities:** Git, Firebase, MySQL, MATLAB, NumPy, Pandas, Linux