

Gourab Chowdhury

3rd year Bachelor of Technology (B.Tech)
Electronics and Communication Engineering (ECE)
National Institute of Technology Rourkela, Odisha, India

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Education

Degree	Institute	Board / University	CGPA/GPA	Year
B.Tech ECE 6 th Semester, 3 rd Year	National Institute of Technology, Rourkela	NIT Rourkela	6.66 (Till 5th Sem)	2021-2025
Higher Secondary School Certificate	Chattogram Govt. Model School and Collage	Chattogram	GPA 5 out of 5	2020
Secondary School Certificate	Chattogram Govt. High School	Chattogram	GPA 5 out of 5	2018

PROJECTS

- **Human Action Recognition using 3D Convolution Aiding CRIME DETECTION** *October 2023 - Till Now*
Under Prof. Santosh Kumar Das
 - Developing an advanced real-time system for detecting criminal activities via live CCTV feeds, using deep learning, databases, and user-friendly front-end for swift alerts and incident footage access by authorities.

Skills

- **Microsoft Office:** Microsoft Word, Microsoft Excel, Microsoft Power Point
- **Programming Languages:** Python, C++
- **Tools and Frameworks:** Jupyter, Visual Studio & PyCharm
- **Operating Systems:** Windows, Linux & Android
- **Database:** MySQL & MongoDB
- **Microcontroller and microprocessor:** Arduino & Raspberry Pi
- **Web Development:** HTML, CSS, JavaScript, NodeJS, ReactJS
- **Data Visualization:** Power BI

Key courses TAKEN

- **CSE & Maths:** Probability and Statistics, Introduction to Python, Object-Oriented Programming in Python
- **Electronics and Communication:** Digital Electronics, Analysis and Synthesis of Networks, Control Systems Engineering, Analog Communication Systems, Semiconductor Engineering

CERTIFICATIONS

- **Basic Computer Course** Bangladesh Computer Council
- **The Arduino Platform and C Programming** University of California (Online)
- **IELTS Course** Hasnain's Care
- **Spoken English** Executive's Care

Language

- Bengali
- English
- Hindi

VOLUNTARY

- **Volunteer**, National Service Scheme, NIT Rourkela *August 2022 - July 2023*

ACHIEVEMENTS

- **Study in India Scholarship 2020:** At National Institute of Technology, Puducherry; selected under Ministry of Education, Govt. of India in the branch of Electrical and Electronics Engineering
- **Study in India Scholarship 2021:** At National Institute of Technology, Rourkela; selected under Ministry of Education, Govt. of India in the branch of Electronics and Communication Engineering