

Curriculum Vitae

Name : Riddhi Chatterjee

University roll number : IMT2020094

Personal details:

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Academic qualifications:

• Class X/XII qualifications:

| Class | Name of School | Board | Subjects | Percentage |
|-------|--|---|----------|------------------------------|
| X | M.P. Birla Foundation HR.SEC. School, Kolkata | Indian Certificate of Secondary Education | All | 95.4%(best of five subjects) |
| XII | Global Public School, Ladpura, Kota, Rajasthan | Central Board of Secondary Education | Science | 95.2% |

• IMTech CSE:

- **3rd year IMTech (Integrated MTech) Computer Science and Engineering student at IIIT Bangalore, India.**
- **Academic performance in university:**
 - Semester 1 SGPA : 3.60
 - Semester 2 SGPA : 3.85
 - Semester 3 SGPA : 3.88
 - Semester 4 SGPA : 3.79

Current CGPA : 3.79

- **From 1st year I am named in the Dean's Merit List of my university.**

Projects completed:

- Image format converter (from bmp to tiff) in C.
- Secure communication app using RSA encryption in Python.
- Implementation of the IAS machine & assembler in Python.
- Fault tolerant communication project in Java.
(Simplified Byzantine Fault Tolerance)
- Game using SDL library in C++.
- Simple Virtual Assistant in Python.
(Built for ByteSynergy 2022 (annual tech fest of IIIT Bangalore); secured 3rd rank in Task Automation category).

Ongoing projects:

- Currently working on a Rehabilitation Exercise Quality Assessment project in collaboration with University Health Network (UHN), Toronto, Canada. The aim of the project is to use the power of machine learning to develop deep learning models for assessing the quality of rehabilitation exercises being performed by patients.

Programming language skills:

Having experience in working with Python, C, C++, Java, SQL and HTML.