

Rumela Dasgupta

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Career Objective

I am a disciplined and hardworking student pursuing undergraduate dual degrees in Computer Science(from St Xavier's College,Kolkata) and Data Science and Applications(from IIT Madras,Chennai). Passionate about technology and problem-solving with growing foundations in programming, I'm eager to bring my enthusiasm and dedication to a meaningful internship. I look forward to learning from experienced professionals and mentors, and contributing actively to a team and project while continuing to grow and develop my abilities.

Education

B.Sc. Computer Science

St. Xavier's College, Kolkata

2024 - Present

Completed 1st Year

B.S in Data Science and Applications

IIT Madras (Online Degree Program)

2024 - Present

Completed Foundation Level (Certified)

Currently pursuing Diploma Level

Skills

- **Programming Languages:** Python, C, C++ (OOP)
 - **Web Development:** HTML, CSS (Basic)
 - **Databases:** Foundational knowledge of DBMS concepts
 - **Tools & Platforms:** MySQL,VS Code, Dev C++, Python IDLE, Linux (Basic)
 - **Others:** Statistics, English (Academic Writing)
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Projects

Simple Calculator (Introduction to Python Programming)

- Created a CLI-based calculator for basic arithmetic operations using Python.

Bank Account System (C++ OOP)

- Designed an object-oriented program to simulate a basic bank account system with features like deposit, withdrawal, and balance inquiry.

Face Recognition System

- Implemented a simple face detection and recognition model using Python libraries (OpenCV), demonstrating basic AI concepts.

Statistical Activities Website

- Created multiple visual statistics-based activities using Google Sites, applying concepts learned in coursework.
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Certifications & Courses

- Foundation Level Certificate – Data Science and Applications by IIT Madras, Chennai
 - Completed Introduction to Python, C and OOP in C++ modules
 - Courses in Statistics I and II, English Communication, Mathematics I and II
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Achievements

- **State and Class Topper** in International Informatics Olympiad by Silverzone
 - **2nd Highest Scorer** in school Class 10 (AISSE)
 - **Grandmaster Certificate** in Abacus
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Extracurricular Activities

- **Badminton:** Doubles Champion in Techno India Olympica Knights and (school team)winner at Youthopia organised by Heritage School.
 - **Swimming:** Silver and Bronze Medalist from Calcutta Sports Association
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Interests

Programming, AI & Machine Learning (beginner), Data Science (beginner), Problem Solving, Web Development (beginner), Sports (Badminton & Swimming)

References

1. **Dr. Romit S. Beed (RB)**
M.Sc. (CS), M.Tech. (CSE), Ph.D. (CS)
Head of Department (HOD), St. Xavier's College
Email: rbeed@sxccal.edu
Relationship: Professor and Mentor
2. **Ms. Piya Ghosh**
Computer Science Teacher (HOD), Shri Shikshayatan School
Phone: 9674031994
Relationship: Former Teacher