

Sayantan Chatterjee

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 [Sayantan Chatterjee | LinkedIn](#)



Skills

Technical Skills:

- Python
- C
- MATLAB
- Arduino

Soft Skills:

- Communication
- Leadership
- Project Management
- Adaptability
- Flexibility

Activities

- Participated in Smart India Hackathon 2023
- Participated in various cultural events as guitarist and also as a mentor.
- Volunteered in various technical events and science exhibitions at college

Hobby

- Photography

Education



Dr. B.C. Roy Engineering College, Durgapur

Bachelor of Technology - Electronics and Communications Engineering

2020 – 2024

Secured a CGPA of 8.89



DAV Model School, Durgapur

AISSCE, Science

2018 - 2020

Completed Higher Secondary Education, securing an aggregate of 90.3% in final exam.



St. Michael's School, Durgapur

ICSE, General Studies

2016 - 2018

Completed Secondary Education, securing an aggregate of 91% in final exam.



Internships and Training



Vocational Trainee at The Durgapur Projects Limited, DPL

Jul 2023 - Aug 2023 (1 month)



Data Science Intern at Celebal Technologies

May 2023 - Jul 2023 (3 months)



Projects

3D CAM SCANNER (2022-2023):

- Objective: Generate 3D models from captured images of real-life objects.
- OpenCV: Extracts image details. Meshroom: Generates 3D structure from images. Blender: Refines 3D structure.
- The project is supervised by Dr. Abhijit Banerjee, Asst. Professor, ECE Department

REINFORCEMENT LEARNING BASED UAV FLIGHT CONTROL STRATEGIES FOR HAZARDOUS AREA MAPPING (2023-2024):

- Objective: Develop a distributed control framework integrating reinforcement learning for efficient oil spill mapping using UAVs.
- The project is also supervised by Dr. Abhijit Banerjee, Asst. Professor, ECE Department



Achievements

- Grand finalist of Smart India Hackathon 2023
- The project 3D Cam scanner was awarded a second prize two times.
- Achieved first position as a band member in the cultural competition organized by NIT,Durgapur