

Sayantan Lahiri

Metallurgical Engineering Undergraduate

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PROFILE SUMMARY:

A 22-year-old from Kolkata looking for opportunities to properly utilize my skills and pursue my passions. Being an enthusiastic learner, I am always willing to accept new challenges and formulate a solution. I also cherish the opportunities of leading a team and co-ordinating different events.

EDUCATION:

| Year | Degree/Certificate | University/School | Performance |
|------|----------------------------------|------------------------------------|--------------------|
| 2022 | B.E Metallurgical Engineering | Jadavpur University | CGPA: 9.32 |
| 2017 | CBSE | Shiv Jyoti Convent School, Kota | Percentage: 85.00% |
| 2015 | ICSE | Don Bosco School, Bandel | Percentage: 93.60% |

ACADEMIC ACHIEVEMENTS:

- **Departmental Rank 1 in Department of Metallurgical and Material Engineering, Jadavpur University.**
- **Rank 5 in ICSE 2015 at Don Bosco School, Bandel.**

INTERSHIPS:

- **Research Intern at University of Birmingham.** (June 2021-Present)
(Institute of Cancer and Genomic Sciences)
-Early Detection of Gastro-Oesophageal adenocarcinoma using deep neural networks.
(This project deals with the detection of metastatic tumours by use of deep convolutional neural networks for image recognition as well as the analysis of RNA sequence(molecular data) for the early detection)

PROJECTS:

- **Steel surface Defects diagnostic using Deep Convolutional Neural Networks.** (January 2021)
-Implemented AlexNet, VGG-16, ResNet50 models that involved study of deep neural networks for prediction of 6 classes of surface defects in metals.
- **My online personal website.** (June 2021)
-Implemented HTML, CSS and Javascript to design my personal website.

SKILLS :

- Computer Skills : MS Word, MS Excel, MS PowerPoint
- Programming Languages known: C/C++, Python, R
- Web Development: **HTML, CSS, JAVASCRIPT**
- Supervised Machine Learning Algorithms.
- Artificial Neural Networks and Deep Learning (ANN, CNN).
- Database Languages: MySQL

EXTRA-CURRICULAR AND CO-CURRICULAR ACTIVITIES:

- Head of the Photography team at JUxPress.
- Member of the event management team at Sanskriti 2019.
- Photographer of The Annual Tech Fest of Metallurgical Engineering Department, Metallix, 2019.

INTERESTS:

- Travel Enthusiast and a travel planner.
- Cooking.
- Singing.
- Photography.