Satarupa Mahato

STUDENT · PROGRAMMING ENTHUSIAST · QUICK LEARNER

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Education

Indian Institute Of Engineering Science and Technology   *Shibpur, Howrah*
B.TECH IN ELECTRICAL ENGINEERING   *December 2020 - present*
- Current CGPA : 9.33/10

The Assembly Of God Church School   *Purulia, West Bengal*
HIGHER SECONDARY   *Apr. 2017 - Mar. 2019*
- Board: CBSE | Percentage :- 85.8%

ST. XAVIER'S SCHOOL   *Purulia, West Bengal*
MATRICULATION   *Aug. 2009- Mar. 2017*
- Board: CISCE | Percentage: 89.8%

Work Experience

Indian Institute Of Technology, BHU(Banaras Hindu University)   *Varanasi-221005, Uttar Pradesh*
RESEARCH INTERN   *June 2021 - Present*
- Project work consisting of two member as a team. Involved with prediction of data using time series analysis.
- Experience with Raspberry Pi, Arduino , Data Science and Automation
- Under the guidance of Ajay Pratap from the Department of Computer Science and Engineering, Indian Institute of Technology (Banaras Hindu University) Varanasi 221005 India.

Skills

Programming Languages   Java, C, Python   **Front-end Tools**- HTML, CSS, JAVASCRIPT   **IDE**- Netbeans, BlueJ   **Databases**- MySQL

Languages   English, Hindi, Bengali

Certifications

| 2021 | **Hackathon Participation**, Amazon Sambhav Summit Hackathon | *India* |
| 2021 | 5th **National Level IEEE Project Competition**, | *India* |

Projects, Publications & Courses

IoT and Supervised Learning Based Vehicle Pollution Monitoring and Controlling   *India*
PROJECT WORK DURING RESEARCH INTERNSHIP IN INDIAN INSTITUTE OF TECHNOLOGY, BHU   *August 2021*
- Team of 2 members

5th **National Level IEEE Project Competition**   *India*
AQI WARNING SYSTEM USING SUPREVISED LEARNING   *June 2021*
- **Role**- Coding and automating excel sheets || **Stacks used**- Python, Automation of Excel sheets, Raspberry Pi, Arduino

Personal Portfolio   *India*
FRONT-END DEVELOPER   *July 2021*
- Created a portfolio using HTML,CSS

Extracurricular Activity

- Volunteering as a core member in Electrical Engineer's Society of our college, IIEST.
- Executive Graphics Designer in Catharsis, the photographic club of our college.

Interests

Programming | Web Development | Singing | Graphics Designing | Sports