PRAYUKTA DEY

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PROFILE

Second-year student pursuing B-Tech in Electrical Engineering from Indian Institute of Engineering Science and Technology, Shibpur.

Extremely good at logical thinking, team working, managing and coding. Have broad understanding of software systems, hardware and operating systems.

Keen to utilize my key strengths in logical thinking, leadership, quick learning, adaptability, tolerance and being precise to deliver results successfully on time.

Eager to gain expertise and knowledge in a wide range of practical areas of Technology/Engineering/Management and curious to dig into its various utilizable prospects.

Developed deep interest in Management, Software solutions, artificial intelligence and areas related to Electronics and Electrical solutions after working on live projects and organizing events in related areas.

HOBBIES

- Singing and Music (Trained at Indian Classical Music)
- Sketching and Artwork
- Reading novels
- Following fitness regime and cooking
- Spirituality

LANGUAGES

Professional English, Hindi, Bengali.

REFERENCE

- **Prof. Debjani Ganguly-** Associate Professor, Department of Electrical Engineering, IIEST, Shibpur.
CONTACT: +91-9830306490 ,
EMAIL: djg@ee.iiests.ac.in

EDUCATION

Indian Institute of Engineering Science and Technology, Shibpur
B. Tech in Electrical Engineering (2019- 2023)
   CGPA : **8.50**
St. Mary's Higher Secondary School, New Coochbehar

- ISC, CISCE (2018), 12th standard   (**90%** Aggregate)
- ICSE, CISCE (2016), 10th standard   (**94%** Aggregate)

WORKS/PROJECTS

- Part of a conference paper on **State of Code-mixed Machine Translation from scratch in Indic Languages: Challenges and Performance (Dataset Building)**
- Worked on a mini project on **Virtual Harmonic Analyser** in MATLAB and Simulink environment using **Fourier Analysis and Prony Analysis.**
- Working on a guided Project based on **Audio Signal Processing** in MATLAB under Prof. Debjani Ganguly, Department of Electrical Engineering, IIEST, Shibpur.
- Completed Coursera course (lectures and hands-on assignment project) on **Neural Network and Deep Learning.**
- Completed Coursera course (lectures and hands-on assignment project) on **Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization.**

SKILLS

- **Deep Learning.**
- **Programming** (C / C++/ Python (NumPy) /OOP/HTML5/CSS/ Beginner in Flutter)
- **MATLAB, Simulink**.
- Microsoft Office.
- **SOFTSKILLS:** Leadership, Communication (verbal and written), Teamworking, Problem solving, Logical Thinking and planning.

RESPONSIBILITIES

- **Training and Placement Representative** of 2023 batch, dept. of Electrical Engineering.
- **Event management head** at Euphony- the Music Society of IIEST, Shibpur.
- Associate at Instruo- the Technical fest, IIEST, Shibpur.

EXTRACURRICULAR ACTIVITIES

- **International Talent Hunt Olympiad** 2015 (state rank 19).
- Award for excellent work of painting in annual examination, 2011 (Sarbabharatiya Charu-O-Karukala Niket).
- Actively took part in various Instruo events (2019) and got qualified and got a special mention in the final round of DOPED event (conducted by the ETC)
- Actively take part in musical events (mainly in vocals) like Crescendo, Oikotaan, and also in various quizzing events held in our institute.
- Volunteering in **activities for social cause** like Swachh Bharat Abhiyan and Cleanliness Drive in high school and IIEST.