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EDUCATION

Degree/Certificate	${\bf Institute/Board}$	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	9.12 (Current)	2021-Present
Senior Secondary	CBSE Board	95.2%	2019-21
Secondary	ICSE Board	98.0%	2009-2019

ACHIEVEMENTS

- Scored 9.93 SPI in the 2nd Semester and opted for branch change to Computer Science & Engineering Department
- Awarded AS grade in PH102 (Physics II) & CS101 (Computing Lab) for excellent performance
- Codeforces Round 862(Div. 2): Secured Global Rank 1950 among 25000 participants
- Joint Entrance Examination (Advanced) 2021: Secured All India Rank 1014 among 0.15 million candidates
- Joint Entrance Examination (Main) 2021: Secured All India Rank 741 among 1 million candidates
- KVPY 2021: Awarded the Fellowship by securing 99 percentile among 0.15 million candidates
- BITSAT 2021: Scored 410/450 to be among the top 200 candidates
- NTSE 2019: Cleared Stage-1 (State Level Rank 15) of National Talent Search Examination

EXPERIENCE

• Tralexho Ecommerce Pvt. Ltd.

Jul. 2022 - Oct. 2022

Machine Learning Intern

Remote

- Built a classifier model to identify images of fishes of various species and achieved a test set accuracy of **0.9**
- Received a letter of recommendation from the CEO for **exceptional** performance as a part of the AI team

Leadership Roles

• Core Team Member

Nov. 2022 - Present

IITG.ai Club, IIT Guwahati

- Hosted eminent personalities in the field of AI such as Dr.Alpan Raval, Chief Scientist at Wadhwani AI during Machine Learning Research Week 2023 which was attended by 100+ people
- Conducted the club orientation which was attended by over 50 freshmen to introduce them to the club operations
- Curated content as well as hosted the orientation for MachineLearning.AI- IITG.ai's summer flagship course having over 1300 registered participants

• Student Mentor Nov. 2022 - Present

Computer Science and Engineering Association: Student Body of IITG CSE Dept.

- Responsible for providing academic and general counsel to a group of 4 undergraduate freshmen students

Projects

• MR to CT Image Synthesizer

qithub.com/mihits/MRI2CT

Personal Project

Feb. 2023

- Built an image to image translation model that converts 2D Brain MR images into it's corresponding 2D CT image
- Designed to ensure patients can avoid exposure to harmful radiations associated with CT imaging

• Job Search and Listings Platform

github.com/DipitPatowari/Django-Jobs

Group Project

May 2023

- Developed a web application to connect employers with job seekers using the Django web framework

• Social Media Web App

github.com/addy-1406/Social Media

Computer Science and Engineering Association: Student Body of IITG CSE Dept.

Apr. 2023

Built a Django based web application that facilitates users to share text and pictures with others.

Key courses taken

- Probability Theory and Random Processes
- Introductory Macroeconomics
- Mathematical Foundations of Data Science
- Sustainable Development Goals

Extracurricular Activities

- Represented IIT Guwahati in the sport of Lawn Tennis at the Inter-IIT Sports Meet 2022
- Won the Silver medal in Lawn Tennis in the Inter-Hostel Sports tournament, Spardha 2022
- Undergone 10+ years of professional lawn tennis coaching and won multiple club tournaments
- Participated in multiple inter-school cricket tournaments as a member of Vibgyor High, Marathahalli cricket team
- Participated in Vibgyor High Model United Nations 2018 in the UN for Women committee as the delegate of Iran