ANURAG PAUL

Tech Developer

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in Anurag-Paul-00AP01   🐙 AnuragPaul0

STRENGTHS

Detail-artist | HTML

CSS | JavaScript | Java

Python | C | Arduino IDE

Xilinx-FPGA | Matlab

Problem solving | AutoCAD

Work Ethic | Microsoft Office

Latex | Good Presentation

Honesty | Data Management

LANGUAGES

Hindi: Native

English: Basic / A2

ABOUT ME

- *Adding more skill set is what I preach for, and it does come out handy in a new environment. Able to balance creative thinking with logical design ideas.*
- *Work effectively in both self-managed and team-based projects; maintain high ethical and quality standards, professional demeanor, and cooperative attitude.*
- *Was part of football team for 55th and 56th Inter-IIT Sports Meet, where IIT BBS FC ended its campaign by securing 4th place finish in 55th meet and made it through the quarters in the 56th meet.*

EDUCATION

Indian Institute of Technology Bhubaneswar

📅 June 2020 – June 2024   📍 Bhubaneswar, India

B.Tech in Electronics & Communication Engg. (ECE)

4 Years/8 Semesters

- CGPA: 7.14

Sacred Heart Sr. Sec. School

📅 June 2019   📍 Himachal Pradesh, India

- 12th Percentage: 88.6%

PROJECTS

1. Geopositioning | 🐙   📅 October 2023   📍 IIT Bhubaneswar

- A machine learning approach for UAV-based ground target geopositioning in aerial images. Geolocating a ground target with a UAV in a simulation of urban environment is proposed. UAVs such as quadcopter and multirotor aircrafts have been widely used in recent years. Examples include information and intelligent warfare.
- For geolocating multiple targets of interest on the ground from an aerial platform, object geolocation with the trained network will be applied to the target pixel locations from a drone captured image.

2. LT-Codes | 🐙   📅 May 2023

- MATLAB based robust implementation of LT Codes encoding/decoding process. Implementation of the iterative encoding and iterative decoding algorithms of the LT Codes, an error correction code based on the principles of Fountain Codes by Michael Luby.

3. DarkMLXhtml | 🐙   📅 June 2023

- MLX exported to light theme HTML is converted to Dark using MATLAB. New .html file should be created with the same content as in old .html file. Some *rgb()* and *color: #_____* inputs are inverted using *replace()*.