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

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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: 7.19 till 7th Semester.

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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.

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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.

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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()*.

4. Game | :octocat: 📅 May 2022

- Simple ping pong game using HTML. 800 × 600 game canvas where the ball starts from centre with velocity of 10 pixels/s, If one of the paddles misses to hit the opposite paddle scores +1 point. Winner is declared at a winning score of 3. The paddles move up and down using vertical mouse positions within the rectangular boundary.

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