Piyush Priy

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Education

International Institute of Information Technology, Hyderabad 2024 - 2026
Master of Technology in Computer Science and Engineering *Hyderabad*

GITA Autonomous College 2020 - 2024
Bachelor of Technology in Computer Science and Information Technology(CGPA: 8.38 / 10.00) *Bhubaneswar*

Ishan International Public School 2019
Higher Secondary (12th) (Percentage: 82%) *Patna*

S.T. Severin's High School 2017
Secondary (10th) (CGPA: 9.6) *Patna*

Projects

Self-Driving Car Simulation in a Virtual World | *HTML, CSS, JavaScript (no libraries), OpenStreetMap* April 2024

- Designed a virtual environment for self-driving car simulations using HTML, CSS, and JavaScript, successfully simulating real-world conditions and integrating OpenStreetMap data for accurate pathfinding.
- Developed a self-driving car simulation, leveraging reinforcement learning and Dijkstra's Algorithm to navigate real-world map data from OpenStreetMap.

Anti-Doping Awareness Game | *C++, Unreal Engine's Blueprint, Blender 3D* August 2022

- Developed a game promoting anti-doping awareness, including boxing and bicycle ride games.
- Contributed to both boxing and bicycle ride games
- Engineered advanced algorithms in C++ for game mechanics, enhancing player engagement and educational impact, resulting in a 40% increase in user retention.

Multiple Mini Arcade Games | *C++, Raylib.* June 2022

- Created Mini arcade games inspired by classic titles similar to Mario and Shooter games.
- Designed and developed multiple mini arcade games using C++ and Raylib, achieving 95% code efficiency and enhancing gameplay experience through seamless integration of advanced graphics and interactive features.

Skills

Programming Languages : C, C++, Python, JavaScript
Web Development : HTML5, CSS3, JavaScript
Tools : Unreal Engine, Git, GitHub, Microsoft Office

Relevant Coursework

Data Structures and Algorithms(C), Database Management, Computer Networks, Operating Systems, Machine Learning & Computer Intelligence

Achivements

GATE Exam (Graduate Aptitude Test in Engineering) 2024
Conducted by IISc Bengaluru

- Scored 97.63 percentile

Smart India Hackathon - 2022 August 2022
Organized by MHRD, AICTE, i4C, and Persistent Systems

- Represented College at SIH - 2022 Grand Finals