Paawan Gupta

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GitHub - https://github.com/paawangupta98

EDUCATION
IIIT Hyderabad
2015-2019

B.tech(Honors) in Computer Science
CGPA – 9.48

EXPERIENCE
- Web Developer | Doctl
  Sep 2016 – Nov 2016

SKILLS
- C++ (with many STL library functions) , C
- Python (with many libraries like pygame, numpy, math) , Django , Web2py
- HTML5 , CSS
- MySQL , PostgreSQL , Node.js
- Ruby
- Bash

PROJECTS
- AI bot for a 4x4 Ultimate Tic Tac Toe
- Library Management Portal using Web2py
- Tetris Game using Pygame and Python
- A 2D Game using OpenGL and C++
- A 3D Game using OpenGL and C++
- An Aquarium using HTML5 , CSS and WebGL
- A terminal based on Linux Terminal
- A Short Animation Movie using Blender and Unity3d

- Done some work on High Energy Laser Weapons in our course Engineering Systems

C O U R S E S   U N D E R T A K E N

- Computer Science Based –
    - Operating Systems
    - Databases
    - Computer Networks
    - Data Structures
    - Artificial Intelligence
    - Algorithms
    - Computer System Organization
    - Graphics
    - IT Workshop
    - SSAD(Structured Systems Analysis & Design) & Project
- Electrical & Electronics Based –
    - Digital Logic and Processors
    - Basic Electronic Circuits
    - Electrical Science
    - Digital Signal Analysis and Applications (Applications mainly related to image processing and data & image compression)
- Humanities Based –
    - Human Values
    - Human Science (History , Sociology , Politics , Economics and Philosophy)
- Mathematics –
    - Discrete Mathematics
    - Introduction to Linear Algebra (Scalars and Vectors , Vector Space , Matrices)
    - Complex Analysis
    - Probability Theory
- Science –
    - Quantum Mechanics
- Engineering Based –
    - Engineering Systems

ACHIEVEMENTS

- Secured All India Rank 690 in JEE MAINS
- Secured All India Rank 5014 in JEE Advanced
- Awarded NTSE Scholarship (National Talent Search Examination) by NCERT (Government Educational Body)
- Awarded KVPY Fellowship (Kishore Vigyanik Protashan Yojana) by IISC Bangalore
- Cleared the NSEC (National Standard Examination in Chemistry) exam and went to its 2nd Level exam INCHO (Indian National Chemistry Olympiad) (Also in Top 1% national merit)