JOSH UJWAL IMMADISETTY

International Institute of Information Technology

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EDUCATION

B.Tech. (ECE) - 7.68 CGPA
International Institute of Information & Technology, Hyderabad

📅 2020 – Current

Higher Secondary - 93.9%
State Board of Telangana

📅 2020

Secondary - 9.8 CGPA
State Board of Andhra Pradesh

📅 2018

PROJECTS

Tree search library
- We wrote a generic tree search library with the ability to simply change the exploration strategy by changing the function in the code and we also provides statistics about the search algorithm which allows easy plotting and analysis of the strategy.

Y86 SEQUENTIAL PROCESSOR
- Implemented a 5 stage sequential Y86 ISA processor architecture which performs following operations like fetch decode execute writeback pcupdate and supports all basic instructions

Line Follower Robot
- We made a Robotic car which follows a black line making turns without using a microcontroller . This is implemented using IR sensors

Finding Focal length of a lens using iot
- we made a remote triggered lab experiment and In this experiment we find the focal length of the lens by keeping the lens and object fixed and moving the screen remotely.

TECHNICAL SKILLS

- C, C++, MATLAB, Arduino,verilog,ngspice.

ACHIEVEMENTS

- JEE Mains AIR Rank - 2957.
- JEE Advanced AIR Rank - 6021.
- Got national rank 8568 in code kaze round2 contest conducted by coding ninjas.
- Secured Global rank 2944 in codeforces Round 811(Div.3)

COURSE WORK

- Introduction to programming
- Data structures and algorithms
- Linear algebra
- Linear partial differential equations
- Real Analysis
- Digital systems and micro controllers
- Probability and random process
- Introduction to processor architecture

CODING PROFILE

Codeforces: **click here**
Codechef: **clickhere**

HOBBIES

- Playing sports.
- Listening to Music.
- Reading books.