

Aditya Reddy

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EDUCATION

Manipal University Jaipur

Bachelor of Technology in Electronics and Communication Engineering

Jaipur, India

2024 – 2028 (*expected*)

Army Public School Bolarum

Coursework: PCMB, Artificial Intelligence

Secunderabad, India

2014 – 2023

EXPERIENCE

IgniteXL Ventures

IgniteXL Remote Extern

Remote

Sep 2023 – Oct 2023

- Researched and evaluated early-stage start-ups in longevity tech to assess alignment with IgniteXL's investment thesis
- Designed an investment summary document presenting key information to potential investors

PROJECTS

Hamming (7,4) Error Correcting Code | C, Verilog

[GitHub Link](#)

- Implemented the Hamming (7,4) error correcting code to detect and correct errors in 4-bit data blocks.

Laplacian Edge Detection | C

[GitHub Link](#)

- Used the Laplacian operator to detect edges in grayscale images for image processing tasks.

Sudoku Solver | C

[GitHub Link](#)

- Developed a fully functional Sudoku puzzle generator and solver in C with a backtracking algorithm.

ACTIVITIES & EXTRACURRICULARS

Elicit Hacks 9.0 MUJ Hackathon

October 2024

Harvard CS50P Certificate

August 2023

Volunteer – Bison Asha School

May 2021 – August 2023

TECHNICAL SKILLS

Programming: C, Python, Arduino, Verilog

Research and Analysis: Deal sourcing and analysis project experience

INTERESTS

Electrical Engineering – Focus on Digital Design and FPGAs

Low-Level Programming