RISHITHA RAJAPU

Mirthivalasa, Srikakulam, Andhrapradesh • 9390498552 • ai23btech11020@iith.ac.in

http://www.linkedin.com/in/rishitha-rajapu-aa30802ab

SUMMARY

Motivated and passionate undergraduate student with a strong interest in deep learning and computer architecture. Skilled in exploring innovative solutions that merge deep learning techniques with architectural advancements to enhance system efficiency. A self-driven learner, committed to tackling real life complex challenges through interdisciplinary approaches and continuous self-improvement.

ACADEMIC DETAILS:

- **B.Tech Artificial Intelligence and Machine Learning:** IIT Hyderabad **CGPA:** 8.21 **Year: 2027**
- **XII (Board of Intermediate Education, Andhra Pradesh):** Tirumala junior college **Marks:** 97.4% **Year: 2023**
- **X (Andhra Pradesh Board of Secondary Education):** Vivekananda High School **Marks:** 100% **Year: 2021**

SCHOLASTIC ACHIEVEMENTS:

- Secured ALL INDIA RANK 4222 in JEE Advanced out of 1,50,000 applicants
- Secured ALL INDIA RANK 3189 in JEE Mains out of 12,00,000 applicants
- Secured STATE RANK 428 in AP EAPCET out of 2,85,000 applicants

SKILLS:

- **Programming Languages:** C, Python, Pytorch and Tensorflow frameworks in python, MySQL, Git, (HTML, CSS, JavaScript), RISCV assembly language
- **Languages:** English, Telugu, Hindi
- **Certifications:** Google cybersecurity certificate
- **Operating systems:** Windows, Linux

RELEVANT COURSES:

- **Computer science:** Introduction to programming, DBMS-1, Computer Architecture, DSA, OS-1
- **Mathematics:** Discrete mathematics, Calculus-1 , Calculus-2 , Vector Calculus, Series of Functions, Probability and random variables, Differential equations, Matrix theory, Intro to Metric spaces, Linear systems and signal processing
- **AI related courses:** Intro to modern AI, Intro to programming in AI

PROJECTS:

- RISC-V assembler, simulator with cache facility which is a C application which converts RISCV assembly language into machine code and execute it
- Object classification and detection models by standard CNN architectures
- AES & RSA encrypted file transfer via python sockets
- Model that recognizes Handwritten sentences