

Pranav H

Mumbai, India

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Pranav H

Pranav - Nexus



As an ambitious fourth-year B.Tech engineer specializing in AI, driven to apply and expand my expertise in the realm of artificial intelligence. Proficient in Python, Java, TensorFlow, and C/C++, coupled with experience in crafting fundamental AI models and data analysis, possessing strong collaborative skills and analytical mindset enable me to solve complex problems effectively. I am committed to bridging the gap between theoretical knowledge and practical applications, fostering both personal and organizational growth.

Education

B.Tech : CSE - AI, Amrita Vishwa Vidhyapeetham

2021 – present | Bengaluru

Current CGPA – 9.18/10

Narayana Junior College

2019 – 2021 | Mumbai

HSC Board: GRADE XII (91%)

New Horizon Public School

2019 | Mumbai

CBSE Board: Grade X (95%)

Extra Curricular

Treasurer (Jan – June, 2024),
Sergeant at Arms (July – Dec, 2023),
Toastmaster Amrita Bengaluru

Vice President,
Amrita Management & Leadership (AMAL) Club

Core Member –
Geeks for Geeks Student Chapter,
Amrita Bengaluru

Co - Authored an anthology titled : "Humpty Dumpty Did not fall"

Projects

HTTP C2 Analysis and Detection Using MongoDB

- Enhanced RITA with C2 and TLS techniques for improved cybersecurity.
- Published in the 3rd International Conference on Advances in Computing, Communication and Applied Informatics, 2024

TRASIS : An Algorithmic Trading Bot

Implemented Strategies of Moving Averages, Simple and Weighted, Combined with current News Headline Sentiment Analysis in order to maximise profits.

On – Device Translation of Dynamically Typed and Interpreted Languages

- Translating Between 2 majorly used programming languages which do not share a common kernel, enabling more collaboration.
- Published in the 15th International Conference on Computing, Communication and Networking Technologies (IIT Mandi).

Internships

ML Intern at Applied Cloud Computing, (1 month)

July 2023

- Took Active Part in Product Development Meetings and Independently Developed a proof of Concept an OCR Based ML Model for a MNC client.

Interests

Professional :

Machine Learning, Neural Networks,
Machine Vision, Data Analytics

Personal :

Writing, Reading, Singing, Photography,
Playing Chess and the Guitar