

Bhanushri Chinta

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EDUCATION

- **Indian Institute Of Technology** Himachal Pradesh, India
Bachelor of Technology - Engineering Physics; GPA: 3.31/4.00
Dec 2021 - Present
Courses: Statistics and Probability, Machine Learning and Its Applications, Quantum Mechanics, Statistical Mechanics
- **FIITJEE Junior College** Andhra Pradesh, India
Higher Secondary School; Percentage: 95.5
March 2019-October-2021
- **GMR DAV Public School** Andhra Pradesh, India
Senior School; Percentage: 97.6
March 2019

SKILLS SUMMARY

- **Languages:** Python, C++, HTML
- **Frameworks:** OpenCV, Scikit
- **Tools:** VScode, Jupyter, Google Colab
- **Soft Skills:** Leadership, Writing, Public Speaking(Debating), Time Management
- **languages:** Hindi, Telugu, English(Proficiency-B2)

EXPERIENCE

- **Machine Learning Intern** Remote
iHUB IIT Mandi under Anubhav Fellowship
Dec 2022 - Present
 - **Modelling an AI model:** A model which can be used in Combat
 - **Techniques used:** Using Instance Based learning, Deep Learning techniques such as LSTM, RNN
 - **Tools used:** Google colab

PROJECTS

- **Designing a fire extinguishing drone nozzle subsystem:** (Work in progress) working on coordinating a subsystem which is capable of extinguishing fires of type A, B and C, especially for taller buildings using a powder type extinguisher (monoammonium phosphate), with remote control.
- **Machine Learning Based Model to predict the taxi fair in New York city:** Data was collected from kaggle and using regression based technique prediction of cost was done. Tech: Python, (Dec '22)
- **Reading the patients vitals from the monitor screens in ICU:** Images clicked using cameras, provided by CoudPhysics (company) were used to train the model using computer vision techniques, OpenCV. This was an inter-IIT tech fest problem statement. Tech: Python, Google colab, Roboflow, YoloV7 (Dec '22)
- **Parkinson's Freezing of Gait Prediction:** (Work in progress) kaggle competition, working with a team on early prediction of Parkinson's disease using the data provided.

VOLUNTEER EXPERIENCE

- **Member of the Energy Club (Yantrik club of IIT Mandi)** Organized events, conducted workshops.
Feb 2022 - Present
- **TA for the course Fundamentals of design practicum (Institute core Course)** . Helping students with their doubts
Feb 2022 - Present