

Chaganti Venkatarami Reddy

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EDUCATION

- Indian Institute of Information Technology Sonapat** Haryana, India
Bachelor of Technology - Computer Science & Engineering; SGPA: 9.59/10.00 December 2020 - Present
Courses: Data Structures, Analysis Of Algorithms, Object Oriented Programming, Databases, Web Development, Operating Systems, Networking, Microprocessors, Compiler Design
- Board of Intermediate Education** Andhra Pradesh, India
Physical Sciences; GPA: 9.75/10.00 April 2018 - March 2020
- Board of Secondary Education** Andhra Pradesh, India
Physical Sciences; GPA: 10.00/10.00 March 2017 - March 2018

SKILLS SUMMARY

- Languages:** C, C++, Python, SQL, RDBMS, HTML, CSS, JavaScript, Bash
- Frameworks:** Tensorflow, Pytorch, OpenCV, Pandas, Numpy, Matplotlib
- Tools:** GIT & Version Control, MySQL, Excel, Powerpoint, Word, VSCode, Jupyter Tools, Google Colab
- Techniques:** Machine Learning, Deep Learning, Web Development
- Platforms:** Linux Commands & System, Windows, Web, MacOS
- Soft Skills:** Leadership, Problem Solving, Multi Tasking, Public Speaking, Time Management, Analytical Thinking

EXPERIENCE

- Feynn Labs** Remote
Machine Learning Engineer (Internship) April 2022 - June 2022
 - Leadership:** Worked as a Project Lead during my Tenure at Feynn Labs.
 - AI Prototype:** AI Product Service type Prototype Development and Business/Financial Modelling.
 - Market Segmentation:** Electric Vehicle Market Segmentation Analysis in India based on previous years data by creating Segments.
 - Machine Learning Model:** Implemented a Machine Learning model to predict Heart Disease for a patient based on some medical data.
- IIT Bombay** Remote
Machine Learning Research Intern (Internship) October 2022 - November 2022
 - Computer Vision:** Worked under a Computer Vision Project during my tenure.
 - Algorithms:** Developed Algorithms for Text detection during internship.

PROJECTS

- Kelly Betting & Football Prediction (Machine Learning, Data Analysis)-[Associated with IIIT Sonapat]:** This is a Data Science project in which we are going to create a machine learning model to make prediction of a football match and betting prediction... Tech: Python, SKLearn, Machine Learning Algorithms, Pandas, Jupyter Notebook, Seaborn, Pickle (Nov 2022) - [Link](#)
- EV Market Analysis in India (Machine Learning, Market Segmentation)-[Associated with Feynn Labs]:** Electric Vehicle Market Segmentation Analysis in India based on previous years data by creating Segments.. Tech: Python, SKLearn, Machine Learning Algorithms, Pandas, Jupyter Notebook (May 2022) - [Link](#)
- Heart Disease Prediction (Machine Learning)-[Associated with Feynn Labs]:** Heart Disease Prediction System built with SKLearn using Deep Learning Neural Networks by applying multiple Deep Learning Algorithms to give the best model. It can predict if the person is suffering from heart disease or not by taking some input data values.. Tech: Python, SKLearn, Tkinter, Machine Learning Algorithms, Pandas, Jupyter Notebook (Apr 2022) - [Link](#)
- Twitter3.0 (Web Development, Blockchain Technology)-[Associated with IIIT Sonapat]:** Twitter 3.0 with Blockchain and Smart Contract Technology. This application is a twitter UI with smart contract technology built with ethereum using Solidity. Tech: NextJs, Solidity, TailwindCSS, Web3, VSCode (Jan 2022) - [Link](#)
- Face Mask Detector(Machine Learning, Computer Vision)-[Associated with IIIT Sonapat]:** Face Mask Detection System built with OpenCV, Keras/TensorFlow using Deep Learning and Computer Vision concepts in order to detect face masks in static images as well as in real-time video streams. Tech: Python, OpenCV, Keras Machine Learning Algorithms, Jupyter Notebook (Nov 2021) - [Link](#)

ACHIEVEMENTS

- NPCI Hackathon-01 (Machine Learning):** Got 1st Rank in Private and 10th Rank in Public Dataset (October 2022) - [Credit Card Default Risk Analysis](#)
- NPCI Hackathon-02 (Machine Learning):** Got 5th Rank in Private and 6th Rank in Public Dataset (October 2022) - [Online Peer to Peer Lending](#)

INTERESTS

- **Competetive Programming:**
- **Machine Learning:**
- **Data Structures:**
- **Computational Physics:**

LANGUAGES

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|-------------------|-------------------------------|
| • English: | Full Professional Proficiency |
| • Telugu: | Native |

REFERENCES

- **Sanjay Basumatary-[Founder @ Feynn Labs]:**
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