Chaganti Venkatarami Reddy

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ABOUT

More than 8 Months of Hands on Experience with Machine Learning. Expertise in Deep Learning, Predictive Modelling, Algorithms and always curious to Learn New Skills and Technologies.

Seeking a challenge career with a progressive organization that provides an opportunity to capitalize my technical skills & abilities in the field of Machine Learning

EDUCATION

- **Indian Institute of Information Technology Sonepat** — Haryana, India
  Bachelor of Technology - Computer Science & Engineering; SGPA: 9.65/10.00 — *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, Latex
- **Frameworks**: TensorFlow, OpenCV, Pandas, Numpy, Matplotlib, Flask
- **Tools**: GIT & VC, Docker, MySQL, VS Code, Microsoft Excel Jupyter Tools, MATLAB
- **Techniques**: Machine Learning, Deep Learning, Web Development, Optimization Problems
- **Platforms**: Linux Commands & Administration, Windows, Web, Mac OS
- **Soft Skills**: Leadership, Problem Solving, Multi Tasking, Public Speaking, Time Management, Analytical Thinking

EXPERIENCE

- **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.

- **Feynn Labs** — Remote
  Machine Learning Engineer (Internship) — *April 2022 - june 2022*
  - **Leadership**: Supervised a team 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.

PROJECTS

- **Image Segmentation Using PSO (ML, Particle Swarm Optimization)-[Associated with IIIT Sonepat]**:
  Image Segmentation using PSO is an optimized version of Image segmentation method using meta-heuristic algorithms.. Tech: Python, SKLearn, PSO, OpenCV, Docker, VS Code (May 2023)   - [Link](#)

- **Flight Fare Prediction (Machine Learning, Data Analysis)-[Associated with Krish Naik]**:
  Flight Fare Prediction using Machine Learning in which prediction of flight prices.. Tech: Python, SKLearn, Machine Learning Algorithms, Pandas, Jupyter Notebook (Jan 2023)   - [Link](#)

- **Kelly Betting & Football Prediction (Machine Learning, Data Analysis)-[Associated with IIIT Sonepat]**:
  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](#)

- **Face Mask Detector(Machine Learning, Computer Vision)-[Associated with IIIT Sonepat]**: 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

- **English**:   Full Professional Proficiency
- **Hindi**:   Professional Proficiency
- **Telugu**:   Native

REFERENCES

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

  Company : Feynn Labs

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