PRIYA BHATIA

📞 8376599121   ✉ priya.bhatia6971@gmail.com   in **LinkedIn Profile**   ⌗ **GitHub Profile**

EDUCATION

Indian Institute of Technology   Hyderabad, Telangana
Master of Technology in Artificial Intelligence   *Sep 2020 – July 2022*

- Cumulative GPA : **9.29/10.0**
- Relevant Coursework: Machine Learning, Deep Learning, Probability, and Applied Statistics, Advance Data Structure and Algorithms, Natural Language Processing, Medical Image Processing

Jaypee Institute Of Information Technology   Noida, Uttar Pradesh
Bachelor Of Technology in Computer Science   *Aug 2015 – Aug 2019*

- Cumulative GPA : **8.1/10.0**
- Relevant Coursework: Algorithms and Data Structure, Database Management System, Operating System, Computer Network, Linear Algebra, Discrete Mathematics, Fuzzy Logic and Neural Network, Big Data

TECHNICAL SKILLS

- **Programming Languages**: Python, Core Java, C/C++, Basics of Scala

- **Data Science and Miscellaneous Technologies**: Data Science Pipeline(collection, cleansing, visualization, modeling, interpretation), Statistics, Hypothesis Testing, CI/CD Pipeline, AWS

- **Big Data, Machine Learning and Deep Learning**: : Hadoop, MapReduce, Sqoop, Apache Hive, Basics of Spark with Scala, Linux, Regression, Classification, CNN, Capsule Networks for Medical Image Segmentation

PROJECTS

Automated Quantification of Inflamed Lung Regions in Chest CT by UNet++ and SegCaps | *Research Work*

- Developed an **automated image segmentation** algorithm to detect the **infection in the lungs** using the chest CT scans
- **Quantification** of infected lungs using the chest CT scans
- Project helps the **doctors to diagnose CT severity score** of the **covid patients** from Jaipur hospital.

Research paper title generation and tag classification using transformers | *Natural Language Processing*

- Developed **transformer** based deep learning approach to **title generation of research papers and paper tags classification**.
- Dependencies : PyTorch Cuda 11.1, Transformers 11.0, NLTK, Seaborn

ACHIEVEMENTS

- Selected among the **top 40 postgraduate students** from premier institutes (IITs, IISC) for **academic excellence in Reliance Foundation Scholarship in Artificial Intelligence and Computer Science** for the year 2020-21.

- P Bhatia, A Sinha, S P Joshi, R Sarkar, R Ghosh, S Jana, "Automated Quantification of Inflamed Lung Regions in Chest CT by UNet++ and SegCaps: A Comparative Analysis in COVID-19 Cases", *2022 44th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*.

WORK EXPERIENCE/CERTIFICATIONS

Data Scientist   July 2022 - Present
iNeuron Intelligence   *Bengaluru, Karnataka*

- Working on creating an end-to-end project on text generation using GPT2
- Worked on creating an end-to-end data warehouse solution using Hive
- Working in an R&D team and have delivered professional lectures on Data Science and DSA to a class of over 1000 students.

CODING PROFILES

</> LeetCode	</> HackerRank	</> Codeforces	</> Profile4	</> Profile5