

Priya Bhatia

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EDUCATION

Indian Institute of Technology

Master of Technology in Artificial Intelligence

Hyderabad, Telangana

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

Bachelor Of Technology in Computer Science

Noida, Uttar Pradesh

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

WORK EXPERIENCE

Data Scientist

iNeuron Intelligence

July 2022 - Present

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.

Software Engineer

Thales

Feb 2019 - Jan 2020

Noida, Uttar Pradesh

- Researched **AOTA project**, aimed at managing smart card and all its files remotely through server enabling telecom operators to manage 2G, 3G, and LTE operations
- Developed **core services** with team in RUM component

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

SCHOLASTIC 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)*.

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