Arkaprava Majumdar, M.Tech R.A

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Education

2024 – 2027	**M.Tech Artificial Intelligence Indian Institute of Technology, Hyderabad** . **Guide:**Professor Srijith P.K. . **Research Topic:** Neural ODE, State Space Models, Sequence Modelling **Grade (1st Semester):**9.72
2018 – 2020	**M.Sc. Statistics, University of Delhi** . **Grade:**87.95 %
2003 – 2006	**B.Sc. Statistics, University of Delhi** . **Grade:**8.743

Internship

2023,November – 2024,February	**AI Research Fellow,Pi School,Rome** Developed an end-to-end pipeline for auto-evaluating academic papers using LLM and RAG.

Research Experience

2020	**Studying bias in LLM using topic modeling and sentiment analysis under Dr. Vasudha Bhatnagar**
2022,August - 2023,August	**Junior Research Fellow at Indian Institute of Science Education and Research, Berhampur** • **Analysed raw data obtained from MRI to understand factors involved in Alzheimer's Disease using Statistics, Machine Learning, and Explainable AI(LIME)** • **Radio Genomic Analysis of brain tumor**
2023,August - 2024,January	**Research Assistant in IIT Hyderabad under Professor Srijith P.K.** • **Worked in the topic of neural ordinary differential equations and partial differential equations**

Employment

2020,March – 2022,August	**Slot Game Mathematician, Bonanza Interactive, Noida** Developed probabilistic models and simulations for Slot Games.

Skills

Coding	Python, R, SQL, C, JAVA,LATEX
Databases	MySQL.

Miscellaneous Experience

Awards and Achievements

🔖 **Merit Award**

- Received best scientific poster award in National Magnetic Resonance Society of India, 2023

- Awarded the International Society of Magnetic Resonance in Medicine (ISMRM) Trainee Educational Stipend,2023

Workshop/Technical Courses

🔖 XXVIIIth Annual Symposium of National Magnetic Resonance Society of India and Conference on Magnetic Resonance in Biomolecules and Biomedicine (IISER, Berhampur)

🔖 Brain, Computation and Learning workshop in Indian Institute of Science (IISc)

🔖 Participated in Winter School on Machine Learning/Artificial Intelligence in Indraprastha Institute of Technology, Delhi (2018-19)

🔖 Completed 'Probabilistic Deep Learning using Tensorflow 2.0 from Coursera

References

Available on Request