




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 %
- 2015 – 2018  **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

- 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
- 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
- 2020  **Studying bias in LLM using topic modeling and sentiment analysis under Dr. Vasudha Bhatnagar**

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,L^AT_EX
- 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