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

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