Satish Kumar Keshri

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RESEARCH INTERESTS	Continual/Lifelong Learning, Collaborative Learning, and Bayesian Machine Learning.

EDUCATION

- ***Master of Science*** July, 2018 - July, 2020
MSc in Big Data Analytics (Data Science)
Ramakrishna Mission Vivekananda Educational and Research Institute, Belur, India
CGPA: 9.69/10.0, University Gold Medalist

- ***Bachelor of Science*** August, 2015 - May, 2018
BSc (Hons.) in Mathematics and Computing
Institute of Mathematics and Applications, Bhubaneswar, India
CGPA: 8.85/10.0, First Class Distinction, Top of the Class

EXPERIENCE

- ***Research Assistant*** November, 2023 - Present
Centre for Artificial Intelligence (CAI)
IIIT Delhi
Hosted by Dr. Ranjitha Prasad

- ***Sr. Associate - Data Science*** April, 2022 - October 2023
Dr. Reddy's Laboratories Limited, Hyderabad

- ***Analyst - Data Science*** June, 2020 - March, 2022
Randstad India Private Limited

- ***Data Science Intern*** Feb, 2020 - May, 2020
Dr. Reddy's Laboratories Limited, Hyderabad

- ***Summer Intern*** May, 2019 - July, 2019
Summer School on Computer Vision
Electronics and Communication Sciences Unit, ISI Kolkata

- ***Summer Intern*** May, 2017 - July, 2017
Mathematics Department
Indian Institute of Technology, Guwahati

PUBLICATIONS *Conference*

1. **Satish Kumar Keshri**, Nazreen Shah, and Ranjitha Prasad. 2024. On the Convergence of Continual Federated Learning. Accepted for Publication in 8th International Conference on Data Science and Management of Data (12th ACM IKDD CODS and 30th COMAD) (CODS-COMAD Dec'24).

Pre-print

1. **Satish Kumar Keshri**, Nazreen Shah and Ranjitha Prasad. 2024. On the Convergence of Continual Federated Learning Using Incrementally Aggregated Gradients. arXiv preprint arXiv:2411.07959.

HONORS AND AWARDS

- **ET Datacon Award, 2022** from The Economics Times, India for best analytics project during my tenure at Dr. Reddy's Laboratories Limited, India.
- **Gold Medal**, awarded for securing the University First Rank and demonstrating Academic Excellence during my master's studies, 2020.
- **Special Mention Award**, for outstanding summer project thesis from Electronics and Communication Sciences Unit, Indian Statistical Institute, Kolkata, 2019.
- **INSPIRE Scholarship**, awarded by Department of Science and Technology (DST), Govt. of India, 2015.

SKILLS

Statistical Machine Learning, Deep Learning, Python, PyTorch, Keras, Pandas, NumPy, Optimization Algorithms.

REFERENCES

- ***Dr. Ranjitha Prasad***
  Assistant Professor, ECE
  IIIT, Delhi
  E-mail: ranjitha@iiitd.ac.in

- ***Reverend Swami Vidyapradananda***
  Assistant Professor, Department of Computer Science and Deputy Registrar
  Ramakrishna Mission Vivekananda Educational and Research Institute, Belur
  E-mail: vidyapradananda@gm.rkmvu.ac.in
  Phone: +91 - 9836231667