

Sanjayan Pradeep Kumar Sreekala

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Applied AI Researcher — Kaggle Competitions Expert — LLM Research

Skills: Python, LLMs, ML

EDUCATION

University of California San Diego <i>Master of Science, Computer Science & Engineering, specialization plan: AI/ML</i> Relevant Courses: Probabilistic Reasoning, Reinforcement Learning, Deep Generative Models, Recommender Systems	Sept 2022 - June 2024 <i>San Diego, California</i>
National Institute of Technology Karnataka <i>Bachelor of Technology, Electrical & Electronics Engineering</i>	May 2015 - May 2019 <i>Karnataka, India</i>

EXPERIENCE

Applied Researcher 1 (SE3) @ Knowledge Extraction <i>eBay</i>	Apr 2024 – Present <i>San Jose, California</i>
<ul style="list-style-type: none">Built & deployed Generative Extraction Models capable of 1000s of TPS with Small Multimodal Models to replace NER and dictionary-based Information Extraction methodsBuilt synthetic datasets with Multimodal open source Large Language Models to evaluate services and train small modelsAutomated Prompt Engineering Flows with Agents/Workflows increasing iteration velocity	
AI Applied Research Intern <i>eBay</i>	Jun 2023 – Sep 2023 <i>San Jose, California</i>
<ul style="list-style-type: none">Finetuned BERT Models with PyTorch and Huggingface for data extraction from unstructured text, enhancing search coverage.Explored generative models and LLMs for advanced information extraction and open-source/commercial LLMs for efficient synthetic dataset creation.	
ASIC Digital Design Engineer <i>Texas Instruments</i>	Jul 2019 – Jul 2022 <i>Bangalore, India</i>
<ul style="list-style-type: none">ASIC design, Physical Design, and timing closure for Power Management ICs (PG-ed 4 designs).	

PUBLICATIONS

- C. Pradeep and S. P. Kumar Sreekala, "Evaluator-Guided LLM Distillation for Embodied Agent Decision-Making," in *NeurIPS 2025 Workshop on Foundation Models Meet Embodied Agents (FMEA)*, 2025.
- J. Shriram and S. P. Kumar Sreekala, "ZINify: Transforming Research Papers into Engaging Zines with Large Language Models," in *Adjunct Proceedings of the 36th Annual ACM Symposium on User Interface Software and Technology (UIST '23 Adjunct)*, 2023.
- S. K. G. Manikonda, J. Santhosh, S. P. Kumar Sreekala, S. Gangwani, and D. N. Gaonkar, "Power Quality Event Classification Using Long Short-Term Memory Networks," in *Proceedings of the 2019 IEEE DISCOVER*, 2019.

RELEVANT AWARDS AND RECOGNITIONS

1st Place NeurIPS 2025 EAI Challenge	Dec 2025
<ul style="list-style-type: none">Winner of the Embodied Agent Interface Challenge (Team: Axis Tilted2) at the FMEA Workshop.	
1st Place eBay 2022 University ML Challenge	Jan 2023
<ul style="list-style-type: none">1st out of 591 teams	
Best Paper Award IEEE International DISCOVER conference 2019	Aug 2019
<ul style="list-style-type: none">Power Quality Event Classification Using Long Short-Term Memory Networks	
Kaggle Competitions Expert Silver (Mercari) & Bronze (Toxic Comment) Medals	2018
<ul style="list-style-type: none">Silver Medal: Top 5% (98th/2380 teams) Bronze Medal: Top 7% (312th/4539 teams)	