

RESEARCH AREAS	AI and LLMs for Time-Series, Recommender Systems, and Multi-Modal Healthcare Data.	
EXPERIENCE	Lawrence Livermore National Lab Machine Learning Researcher	Aug. 2024 – Present
	University of Washington Seattle Postdoctoral Researcher	Apr. 2023 – May 2024
	IBM Research AI Research Scientist	Aug. 2022 – Mar. 2023
	Amazon Inc Applied Scientist-II Intern	Jan. 2022 – Jun. 2022
	Indian Institute of Technology Delhi Research Scholar	Jul. 2017 – Jan. 2022
	Siemens Healthcare Research Intern	May 2016 – Jan. 2017
EDUCATION	Indian Institute of Technology (IIT) Delhi Ph.D. in Machine Learning. <i>Institute Nominee for ACM SIGKDD and ACM India Dissertation Awards 2023.</i>	2017 – 2022
	Indian Institute of Information Technology (IIIT) Jabalpur B.Tech. in Computer Science & Engineering.	2013 – 2017
SELECTED PUBLICATIONS	<p>M. Tan, M. Merill, V. Gupta, T. Althoff, and T. Hartvigsen. <i>Are Language Models Actually Useful for Time Series Forecasting?</i>. NeurIPS 2024 (Spotlight).</p> <p>M. Merill, M. Tan, V. Gupta, T. Hartvigsen, and T. Althoff. <i>Language Models Still Struggle to Zero-shot Reason about Time Series</i>. EMNLP 2024.</p> <p>V. Gupta and S. Bedathur. <i>Tapestry of Time and Actions: Modeling Human Activity Sequences using Temporal Point Process Flows</i>. TIST 2023.</p> <p>V. Gupta, S. Bedathur, and A. De. <i>Learning Temporal Point Processes for Efficient Retrieval of Continuous Time Event Sequences</i>. AAAI 2022.</p> <p>V. Gupta and S. Bedathur. <i>ProActive: Self-Attentive Temporal Point Process Flows for Activity Sequences</i>. KDD 2022.</p> <p>V. Gupta, S. Bedathur, S. Bhattacharya, and A. De. <i>Learning Temporal Point Processes with Intermittent Observations</i>. AISTATS 2021.</p> <p>V. Gupta and S. Bedathur. <i>Invariant Normalizing Flows for Mobility Transfer</i>. CIKM 2021.</p>	
HONORS AND AWARDS	Microsoft Accelerate Foundation Models and UW Azure Research Grant for 40k USD.	2023
	Distinction for Doctoral Research: Institute-wide recognition for top 10% of all PhDs.	2023
	NASSCOM AI Game-Changers of India: Runner-Up in ML Fundamentals Category.	2022
	Expert Talk at IndiaAI: Organized by NASSCOM and Ministry of IT – Govt. of India.	2022
	Outstanding Doctoral Paper Award: The First Intl. Conference on AI-ML Systems.	2021
	All India 9th Rank in ABU Robocon, Asia's largest collegiate robotics competition.	2015
	A1 (Highest Possible) Grade for All Subjects and Merit Award in Senior High School.	2013
PC MEMBER	AAAI, IJCAI, SIGIR, WSDM, WWW, ECML-PKDD, ACM TOIS, and IEEE TPAMI.	
SELECTED TALKS	UC San Diego, GeorgiaTech, USC, UMich, TU Munich, MIT-IBM Watson Lab, and Amazon.	
SKILLS	<ul style="list-style-type: none"> • Proficient: Python - Pytorch & Tensorflow, HuggingFace, Azure, and IBM Cloud. • Intermediate: Keras, C++, MATLAB, PHP, PySpark, and AWS. 	