TEJAS SRINIVASAN

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RESEARCH INTERESTS

My research aims to **enhance human-LLM collaboration through user-centric design and uncertainty quantification**. I have previously worked on **vision-language models** and **continual learning**.

EDUCATION

Ph.D. in Computer Science, University of Southern California 2021–Curr.
Advisor: Prof. Jesse Thomason
GPA: 4.0/4.0

M.Sc. in Language Technologies, Carnegie Mellon University 2018–2020
Advisors: Prof. Florian Metze, Prof. Louis-Phillippe Morency, Prof. Yonatan Bisk
GPA: 3.87/4.0

B.Tech. Mechanical Engineering, Indian Institute of Technology, Bombay 2014–2018
GPA: 9.15/10.0

AWARDS

Capital One CREDIF Fellowship 2025–2026

Amazon ML Fellowship 2024–2025

Viterbi Undergraduate Research Mentorship Award 2023

SIGDIAL, Best Paper Award 2019

INDUSTRY EXPERIENCE

Contextual AI, Research Intern Summer 2025

Allen Institute for AI (AI2), Research Intern Summer 2023

Microsoft Research (MSR), Research Intern Summer 2021

A.I. Foundation, NLP Research Scientist 2020–2021

PUBLICATIONS

1. Believing without Seeing: Quality Scores for Contextualizing Vision-Language Model Explanations
   Keyu He, **Tejas Srinivasan**, Brihi Joshi, Xiang Ren, Jesse Thomason, Swabha Swayamdipta
   arXiv Pre-print

2. From Calibration to Collaboration: LLM Uncertainty Quantification Should Be More Human-Centered
   Siddartha Devic, **Tejas Srinivasan**, Jesse Thomason, Willie Neiswanger, Vatsal Sharan
   arXiv Pre-print

3. Adjust for Trust: Mitigating Trust-Induced Inappropriate Reliance on AI Assistance
   Tejas Srinivasan, Jesse Thomason
   arXiv Pre-print

4. Can Vision-Language Models Understand Mimes?
   Hyundong Justin Cho, Spencer Lin, **Tejas Srinivasan**, Michael Saxon, Deuksin Kwon, Natali T. Chavez,
   Jonathan May
   ACL Findings 2025

5. Better Slow than Sorry: Introducing Positive Friction for Reliable Dialogue Systems
Mert İnan, Anthony Sicilia, Suvodip Dey, Vardhan Dongre, **Tejas Srinivasan**, Jesse Thomason, Gökhan Tür, Dilek Hakkani-Tür, Malihe Alikhani
TACL 2025

6. Compare without Despair: Reliable Preference Evaluation with Generation Separability
Sayan Ghosh, **Tejas Srinivasan**, Swabha Swayamdipta
EMNLP Findings 2024

7. Selective "Selective Prediction": Reducing Unnecessary Abstention in Vision-Language Reasoning
Tejas Srinivasan, Jack Hessel, Tanmay Gupta, Bill Yuchen Lin, Yejin Choi, Jesse Thomason, Khyathi Raghavi Chandu
ACL Findings 2024

8. WinoViz: Probing Visual Properties of Objects Under Different States
Woojeong Jin, **Tejas Srinivasan**, Jesse Thomason, Xiang Ren
Workshop on Secure and Trustworthy LLMs, ICLR 2024

9. Exploring Strategies for Modeling Sign Language Phonology
Lee Kezar, Riley Carlin, **Tejas Srinivasan**, Zed Sehyr, Naomi Caselli, Jesse Thomason
European Symposium on Artificial Neural Networks (ESANN) 2023

10. I2I: Initializing Adapters with Improvised Knowledge
Tejas Srinivasan, Furong Jia, Mohammad Rostami, Jesse Thomason
Conference on Lifelong Learning Agents (CoLLAs) 2023

11. Multimodal Speech Recognition for Language-Guided Embodied Agents
Allen Chang, Xiaoyuan Zhu, Aarav Monga, Seoho Ahn, **Tejas Srinivasan**, Jesse Thomason
Interspeech 2023

12. Curriculum Learning for Data-Efficient Vision-Language Alignment
Tejas Srinivasan, Xiang Ren, Jesse Thomason
O-DRUM Workshop, CVPR 2023

13. CLiMB: A Continual Learning Benchmark for Vision-and-Language Tasks
Tejas Srinivasan, Ting-Yun Chang, Leticia Pinto Alva, Georgios Chochlakis, Mohammad Rostami, Jesse Thomason
NeurIPS 2022 Datasets and Benchmarks Track

14. Worst of Both Worlds: Biases Compound in Pre-trained Vision-and-Language Models
Tejas Srinivasan, Yonatan Bisk
Workshop on Gender Bias in NLP, NAACL 2022

15. Fine-Grained Grounding for Multimodal Speech Recognition
Tejas Srinivasan, Ramon Sanabria, Florian Metze, Desmond Elliott
EMNLP Findings 2020

16. Multimodal Speech Recognition with Unstructured Audio Masking
Tejas Srinivasan, Ramon Sanabria, Florian Metze, Desmond Elliott
Workshop on NLP Beyond Text, EMNLP 2020

17. Reasoning Over History: Context-Aware Visual Dialog
Muhammad Shah, Shikib Mehri, **Tejas Srinivasan**
Workshop on NLP Beyond Text, EMNLP 2020

18. Looking Enhances Listening: Recovering Missing Speech Using Images
Tejas Srinivasan, Ramon Sanabria, Florian Metze
ICASSP 2020

19. Multitask Learning For Different Subword Segmentations In Neural Machine Translation
Tejas Srinivasan, Ramon Sanabria, Florian Metze
International Workshop on Spoken Language Translation (IWSLT) 2019

20. Structured Fusion Networks for Dialog
Shikib Mehri*, **Tejas Srinivasan***, Maxine Eskenazi
SIGDIAL 2019 (Best Paper Award)

21. Analyzing Utility of Visual Context in Multimodal Speech Recognition Under Noisy Conditions
Tejas Srinivasan, Ramon Sanabria, Florian Metze
How2 Challenge Workshop, ICML 2019

PROFESSIONAL SERVICE

Workshop Organizing	ORIGen Workshop (@ COLM 2025)
Conference Reviewing	ACL Rolling Review, ACL 2020–2025, EMNLP 2020–2024, NeurIPS Datasets and Benchmarks 2022–2024, ICLR 2024, NAACL 2021 & 2024, EACL 2021
Workshop Reviewing	TrustNLP 2025, ACL SRW 2020–2022, NLP Beyond Text 2020
Research Mentorship	Mentored the following undergraduate students: Furong Jia (current: Ph.D., Duke), Allen Chang (current: Ph.D., UPenn), Xiaoyuan Zhu, Aarav Monga, Miaosen Chai, Emmanuel Ezirim, Mann Patel, Keyu He (current: M.Sc. CMU), Matthew Salaway, Mike Gee, Urvi Bhuwania