TEJAS SRINIVASAN

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RESEARCH INTERESTS

My research interests lie in **user-centric approaches to building reliable AI systems**. In the past, I have also worked on **multimodal NLP**, **continual learning** and **multimodal speech recognition**.

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. 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

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

3. 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

4. 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

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

6. 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

7. 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

8. 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

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

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

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

12. 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

13. 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

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

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

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

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

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

19. 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

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