

Agneet Chatterjee

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GitHub: github.com/agneet42

RESEARCH INTERESTS

Controllable image and video generative models.

EDUCATION

Arizona State University

Ph.D. in Computer Science

Advisors : Yezhou Yang, Chitta Baral

Tempe, AZ

Jan 2023–

Jadavpur University

Bachelor of Engineering (with Honors)

Computer Science and Engineering

Kolkata, India

2015–2019

EXPERIENCE

Stability AI

Research Scientist Intern

With: Varun Jampani

– Video Generative Models

Remote

Jan - Dec 2025

Lawrence Livermore National Laboratory

Research Intern

With: Bhavya Kailkhura, Brian Bartoldson

– Adversarial Machine Learning.

Livermore, CA

Summer 2024

Salesforce

Software Engineer 2

Hyderabad, India

2019–2022

SELECTED PUBLICATIONS

Please refer to my [Google Scholar](#) page for a full list of publications.

Conference Proceedings

1. **Agneet Chatterjee**, Rahim Entezari, Maksym Zhuravinskyi, Maksim Lapin, Reshinh Adithyan, Amit Raj, Chitta Baral, Yezhou Yang, Varun Jampani. Stable Cinematics : Structured Taxonomy and Evaluation for Professional Video Generation. *Neural Information Processing Systems (NeurIPS)*, 2025 [[paper](#)]
2. **Agneet Chatterjee**, Gabriela Ben Melech Stan, Estelle Guez Aflalo, Sayak Paul, Dhruva Ghosh, Tejas Gokhale, Ludwig Schmidt, Hannaneh Hajishirzi, Vasudev Lal, Chitta Baral, Yezhou Yang. Getting it Right: Improving Spatial Consistency in Text-to-Image Models. *European Conference on Computer Vision (ECCV)*, 2024 [[paper](#)]
3. **Agneet Chatterjee**, Yiran Luo, Tejas Gokhale, Yezhou Yang, Chitta Baral. REVISION: Rendering Tools Enable Spatial Fidelity in Vision-Language Models. *European Conference on Computer Vision (ECCV)*, 2024 [[paper](#)]
4. **Agneet Chatterjee**, Tejas Gokhale, Chitta Baral, Yezhou Yang. On the Robustness of Language Guidance for Low-Level Vision Tasks: Findings from Depth Estimation. *IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*, 2024 [[paper](#)]

5. Vatsal Malaviya, **Agneet Chatterjee**, Maitreya Patel, Yezhou Yang, Chitta Baral. AcT2I: Evaluating and Improving Action Depiction in Text-to-Image Models. *Empirical Methods in Natural Language Processing (EMNLP) 2025* [\[paper\]](#)
6. Neeraj Varshney, **Agneet Chatterjee**, Mihir Parmar, Chitta Baral. Accelerating LLM Inference by Enabling Intermediate Layer Decoding. *Findings of the Association for Computational Linguistics: (NAACL) 2024* [\[paper\]](#)

Journals

1. Amir Saeidi, Yiran Luo, **Agneet Chatterjee**, Shamanthak Hegde, Bimsara Pathiraja, Yezhou Yang, Chitta Baral. Dual Caption Preference Optimization for Diffusion Models. *Transactions on Machine Learning Research (TMLR)* [\[paper\]](#)

Preprints / Under Review

1. Xiangrui Liu, Man Luo, **Agneet Chatterjee**, Hua Wei, Yezhou Yang. Towards a Psychoanalytic Perspective on VLM Behaviour: A First-step Interpretation with Intriguing Observations. [\[paper\]](#)

Peer Reviewed Workshop Papers

1. Aayush Atul Verma, Amir Saeidi, Shamanthak Hegde, Ajay Theral, Fenil Denish Bardoliya, Nagaraju Machavarapu, Shri Ajay Kumar Ravindhiran, Srija Malyala, **Agneet Chatterjee**, Yezhou Yang, Chitta Baral. Evaluating Multimodal Large Language Models Across Distribution Shifts and Augmentations. *IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) Workshops 2024* [\[paper\]](#)
2. Mahdi Ahmadi, John Leland, **Agneet Chatterjee**, YooJung Choi. Fair Image Generation from Pre-trained Models by Probabilistic Modeling. *NeurIPS Safe Generative AI Workshop 2024* [\[paper\]](#)
3. Neeraj Varshney, Satyam Raj, Venkatesh Mishra, **Agneet Chatterjee**, Ritika Sarkar, Amir Saeidi, Chitta Baral. Investigating and Addressing Hallucinations of LLMs in Tasks Involving Negation. *NAACL TrustNLP 2025* [\[paper\]](#)
4. Forouzan Fallah, Maitreya Patel, **Agneet Chatterjee**, Vlad I. Morariu, Chitta Baral, Yezhou Yang. TextInVision: Text and Prompt Complexity Driven Visual Text Generation Benchmark. *IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) BEAM Workshop 2025 / Best Paper Award* [\[paper\]](#)

SKILLS

- **Programming Languages:** Python, C/C++, JAVA, \LaTeX
- **Libraries & Tools:** PyTorch, OpenCV, Diffusers, Git, Linux

AWARDS

- | | |
|-----------------------------------|-----------------------|
| • Outstanding Reviewer | EMNLP 2024, WACV 2025 |
| • SCAI ASU Conference Award | 2024 |
| • SCAI ASU Doctoral Fellowship | 2024 |
| • GPSA ASU Travel Grant | 2024 |
| • Engineering Graduate Fellowship | 2023 |

ACADEMIC SERVICES

Reviewer : NeurIPS, ICLR, ICML, ICCV, WACV, ACL, EMNLP, NAACL.