Arjun **Chandrasekaran**

 ${\tt Computer \, Vision \, \cdot \, Natural \, Language \, Processing \, \cdot \, Human \, Behavior \, \cdot \, Virtual \, Human \, Avatars}$

Max Planck Ring 4, Tübingen 72076, Germany.

🛘 (+49)15251053385 | 🗷 achandrasekaran@tue.mpg.de | 🐔 carjun.github.io | 🖸 carjun | 🗖 carjun | 💆 @_carjun

Education _

Georgia Tech Atlanta, GA, USA

PHD IN COMPUTER SCIENCE (ADVISOR: DEVI PARIKH)

Jan. 2017 - Dec. 2019

Dissertation: Towards natural Human-Al interactions in Vision and Language

Virginia Tech (transferred to Georgia Tech)

PHD IN COMPUTER ENGINEERING (Advisor: Devi Parikh)

Aug. 2014 - Dec. 2016

• Research on computational models for visual humor and temporal common sense.

Bangalore Institute of Technology

Bangalore, India Sep. 2009 - Mar. 2013

Blacksburg, VA, USA

B. Eng. in Electronics and Communication Engineering

• Design and implementation of a VLSI based video decoder based on the H.264 video encoding standard.

Employment _____

Max Planck Institute for Intelligent Systems

Tübingen, Germany.

POSTDOCTORAL RESEARCHER, WITH MICHAEL BLACK

Jan. 2020 - Now

• Modeling the semantics of human movement – human actions, interactions, and emotions.

Robert Bosch (RBEI)

Bangalore, India

ASSOCIATE SOFTWARE ENGINEER, COMPUTER VISION TEAM

Aug. 2013 - July 2014

• Testing driver assistance functions like lane detection, road sign recognition, pedestrian detection, etc. on a camera ECU.

Visiting Positions _

Indiana University

Bloomington, USA

VISITING SCHOLAR, WITH CHEN YU AND DAVID CRANDALL

Summer 2019

• Modeling child learning from parent-child interactions captured via head-mounted cameras and parent speech.

CurAl Palo Alto, USA

RESEARCH INTERN, WITH ANITHA KANNAN

Summer 2018

• Question Answering in medical domain and Information Extraction to build a Knowledge Graph.

Facebook AI Research

Menlo Park, USA

RESEARCH INTERN, WITH DEVI PARIKH

Summer 2017

• Modeling aspects of personality from reddit data.

Toyota Technological Institute

Chicago, USA

RESEARCH INTERN, WITH MOHIT BANSAL

Summer 2016

 $\bullet \ \ \text{Modeling "temporal common sense" in every day events, and generating witty image captions.}\\$

Sahyogee Tech Solutions

Bangalore, India

Engineering Intern, with Anand Udupa

Summer 2012

Designing and testing analog circuits using the (then) newly developed Verilog AMS (Analog and Mixed Mode).

How Much Coffee Was Consumed During EMNLP 2019? Fermi Problems: A New Reasoning Challenge for AI Compression of Sellenge for	Publications	
Reasoning Challenge for AI COMERSHANCE ON BERMINGLAI, METHODAS IN NATURAL LANGUAGE PROCESSING A. Kaliyan, A. Kumar, A. Chandrasekaran, A. Sabharwal, P. Clark BABEL: Bodies, Action and Behavior with English Labels IEEE/CVP Commensure on Communs Vision And Partners Recognition A. R. Pounnakolf, A. Chandrasekaran, N. Althorascharan, N. Althorascharan, A. Glark Remirery, M. J. Pilack Active domain adaptation via clustering uncertainty-weighted embeddings IEEE/CVP Intrustrationals, Commensure, on Communs Vision A. R. Pounnakolf, A. Chandrasekaran, K. Saenko, J. Hoffman A computational model of early word learning from the infant's point of view Annual, Commensure, Commensure, Society S. Tautsul, A. Chandrasekaran, M. A. Reza, D. Crandall, C. Yu Do explanation modalities make VQA models more predictable to a human? Commensure on Emmindual Mirrhous in Natural, Language Processing A. Chandrasekaran, V. Probhur, D. Yadaw', P. Chattopadhyay', D. Parikh Punny Captions: Witty Wordplay in Image Descriptions North American Chumers of the Association is one Communicans. A. Chandrasekaran, D. Parikh, M. Bransil Evaluating Visual Conversational Agents via Cooperative Human-Al Games Convenience on Human Commensure and Captions into Stories Envaluating Visual Conversational Agents via Cooperative Human-Al Games Convenience on Human Communican and Captions into Stories Envaluating Visual Conversational Agents via Cooperative Human-Al Games Convenience on Marience Language Processing Repaired, Mirmicos in Natural, Language and Captions into Stories Envaluating Visual Conversational Agents via Cooperative Human-Al Games Charlet Ford Convenience on Communican and Captions into Stories Envaluating Visual Conversational Agents via Cooperative Human-Al Games Charlet Ford Convenience on Communican and Captions into Stories Envaluating Visual Conversational Agents via Cooperative Human-Al Games Charlet Ford Convenience Natural Language Processing Review Maries and Captions into Stories Review Maries Convenience Natural Language Proc		
A. Kalyan, A. Kumar, A. Chandrasekaran, A. Sabharwal, P. Clark BABEL: Bodies, Action and Behavior with English Labels (EEE)(VF Consense Concomputer Wisson And Partiesis Recognition A. R. Punnakkal', A. Chandrasekaran', N. Athanasiou, A. Quiros-Ramirez, M. J. Black Active domain adaptation via clustering uncertainty-weighted embeddings (CCV IEEE)(VF InternationAut. Consense con Computer Wisson Oct. 2021 V. Prabhu, A. Chandrasekaran, N. Saerko, J. Hoffman A computational model of early word learning from the infant's point of view A computational model of early word learning from the infant's point of view A computational model of early word learning from the infant's point of view A computational model in early word learning from the infant's point of view A computational model in early word learning from the infant's point of view A computational model in early word learning from the infant's point of view A computational model in early word learning from the infant's point of view A computation modalities make VQA models more predictable to a human? EMBLE Consense con the medical Microbos in Natrusa. Language Processing A. Chandrasekaran, W. Prabhur, D. Vadar', P. Chattopadhyay', D. Parikh Punny Captions: Witty Wordplay in Image Descriptions MACL Norma American Chartier of the Association Fore Commutational Linguistics A. Chandrasekaran, D. Parikh, M. Barnsal Evaluating Visual Conversational Agents via Cooperative Human-Al Games Consense on Human Computation and Conversations fore Commutations in Stories Enriesco in Human Computation and Conversations in Stories Enriesco in Human Computation and Partiens Recognition in Stories Enriesco in Human Computation and Partiens Recognition in Stories Enriesco in Human Computation and Partiens Recognition in Stories Enriesco in Human Computation in Barna, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor Core **Core **Preprints** Locate: End-to-end Localization of Actions in 3D with Transformers Ackwa	Reasoning Challenge for AI	EMNLP
IEEE (CVF CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION A.R. PUNDAKIAP', A. Chandrasekaran', N. Althanasiou, A. Quitos-Ramirez, M. J. Black Active domain adaptation via clustering uncertainty-weighted embeddings CCV		Nov. 2021
A. R. Punnakkal', A. Chandrasekaran', N. Athanasiou, A. Quiros-Ramirez, M. J. Bilack Active domain adaptation via clustering uncertainty-weighted embeddings (CCV) IEEE/CVF International Conference on Computer Vision V. Prabhu, A. Chandrasekaran, K. Saenko, J. Hoffman A computational model of early word learning from the infant's point of view Annual Conference of the Cooming Science Society S. Tsutsui, A. Chandrasekaran, M. A. Reza, D. Crandall, C. Yu Do explanation modalities make VQA models more predictable to a human? EMNLP Conference on Empirical Methods in Natruanal Landouace Processing A. Chandrasekaran', V. Prabhu', D. Yadaw', P. C. Chattopadhyay', D. Parikh Punny Captions: Witty Wordplay in Image Descriptions A. Chandrasekaran', U. Parikh, M. Bansal Evaluating Visual Conversational Agents via Cooperative Human-Al Games Conference on Human Conference on Human Conference with Conference on Human Conference on Confer	BABEL: Bodies, Action and Behavior with English Labels	CVPR
Active domain adaptation via clustering uncertainty-weighted embeddings CCC EEE/CVF International Conference on Cosputing Vision Oct. 2021 V. Prabhu, A. Chandrasekaran, K. Ssenko, J. Hoffman A computational model of early word learning from the infant's point of view Annual Conference of the Cognitive Science Society 30½ 2020 Struttsuif, A. Chandrasekaran, M. A. Re2a, D. Crandall, C. Yu Do explanation modalities make VQA models more predictable to a human? EMNLP Comercence of Embrical Methods in Natural Lukoukee Processing Nov. 2018 A. Chandrasekaran', V. Prabhu', D. Yadaw', P. Chattopadhyay', D. Parikh Punny Captions: Witty Wordplay in Image Descriptions NAMCL North Admiticas Cham'rise of the Associations for Comerciational Lukousistics June 2018 A. Chandrasekaran, D. Parikh, M. Bansal Evaluating Visual Conversational Agents via Cooperative Human-Al Games ICCOMP Conference on Human Computation and Computational Agents via Cooperative Human-Al Games ICCOMP Conference on Human Computation and Concessions ICCOMP Contractive Human Computation and Captions into Stories ICCOMP EMPRICAL METHODS in Natural Lukoususee Processions ICCOMP A. Chandrasekaran', D. Batta, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor ICCOMP CEE Concernence on Convourter Vision and Partiern Recognition ICCOMP A. Chandrasekaran', A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints ICCOMP		June 2021
REER/CVF INTERNATIONAL CONFERENCE ON COMPUTER VISION V. Prabhu, A. Chandrasekaran, K. Saenko, J. Hoffman A computational model of early word learning from the infant's point of view A computational model of early word learning from the infant's point of view A computation model ities make VQA models more predictable to a human? Do explanation modalities make VQA models more predictable to a human? CONFERENCE ON EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING A. Chandrasekaran, Y. Prabhur, D. Vaddav, P. Chattopadhyayr, D. Parikh Punny Captions: Witty Wordplay in Image Descriptions NANCL NORTH AMERICAN CHAPTER OF THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS A. Chandrasekaran, D. Parikh, M. Banssl Evaluating Visual Conversational Agents via Cooperative Human-AI Games CONFERENCE ON HUMAN COMPUTATION AND CROWDSOURCING CONFERENCE ON HUMAN COMPUTATION AND CROWDSOURCING CONTERENCE ON HUMAN COMPUTATION AND CROWDSOURCING REMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING A. Chandrasekaran, Y. C. Handrasekaran, D. Parikh, M. Banssl We Are Humor Beings: Understanding and Predicting Visual Humor CVPR IEEE CONFERENCE ON COMPUTER VISION AND PATIETRE RECOGNITION A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Banssl, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXV A. Chandrasekaran, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWAY A. Chandrasekaran, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWAY A. Chandrasekaran, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWAY O Locat	A. R. Punnakkal*, A. Chandrasekaran *, N. Athanasiou, A. Quiros-Ramirez, M. J. Black	
R. Computational model of early word learning from the infant's point of view A computational model of early word learning from the infant's point of view A competence or the Constrive Science Society S. Tsutsul, A. Chandrasekaran, M. A. Reza, D. Crandall, C. Yu Do explanation modalities make VQA models more predictable to a human? EMNLP COMPETENCE ON EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING A. Chandrasekaran*, V. Prabhu*, D. Yadav*, P. Chattopadhyay*, D. Parikh Punny Captions: Witty Wordplay in Image Descriptions A. Chandrasekaran Charrier for the Associations For Computational Linguistics A. Chandrasekaran D. Parikh, M. Bansal Evaluating Visual Conversational Agents via Cooperative Human-Al Games CONFERENCE ON HUMAN COMPUTATION AND CROWSSOURGING P. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran, A. Das, S. Lee, D. Batra, D. Parikh P. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran, A. Das, S. Lee, D. Batra, D. Parikh P. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran, B. Das, S. Lee, D. Batra, D. Parikh P. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran, D. Batra, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor EEE Conversence on Computer Vision And Partern Recognition P. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh Penpints LocATe: End-to-end Localization of Actions in 3D with Transformers LocATe: End-to-end Localization of Actions in 3D with Transformers It takes Two to Tango: Towards Theory of Al's Mind Aaxiv A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWards Reviewing Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Witual conference	Active domain adaptation via clustering uncertainty-weighted embeddings	ICCV
A computational model of early word learning from the infant's point of view ANNUAL CONFERENCE OF THE COGNITIVE SCIENCE SOCIETY July 2020 S. TSUTSUII, A. Chandrasekaran, M. A. Reza, D. Crandall, C. Yu Do explanation modalities make VQA models more predictable to a human? EMNLP CONFERENCE ON EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING A. Chandrasekaran*, V. Prabhu*, D. Yadav*, P. Chattopadhyay*, D. Parikh Punny Captions: Witty Wordplay in Image Descriptions NAFACL NORTH AMERICAN CHAPTER OF THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS June 2018 A. Chandrasekaran, D. Parikh, M. Bansal Evaluating Visual Conversational Agents via Cooperative Human-AI Games H. COMP CONFERENCE ON HUMAN COMPUTATION AND CROWNSOURCING P. Chattopadhyay, D. Yadav, V. Probhu, A. Chandrasekaran, A. Das, S. Lee, D. Batra, D. Parikh SortStory: Sorting Jumbled Images and Captions into Stories EMNLP EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING H. Agrawal*, A. Chandrasekaran*, D. Batra, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor CVPR IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh *Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV ACHANDARY A. Chandrasekaran It takes Two to Tango: Towards Theory of AI's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWAR'S A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWAR'S REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Witual conference	,	Oct. 2021
ANNUAL CONFERENCE OF THE COGNITIVE SCIENCE SOCIETY 5. TSUISUII, A. Chandrasekaran, M. A. Reza, D. Crandall, C. Yu Do explanation modalities make VQA models more predictable to a human? EMNLP CONFERENCE ON EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING A. Chandrasekaran*, V. Prabhu*, D. Yadav*, P. Chattopadhyay*, D. Parikh Punny Captions: Witty Wordplay in Image Descriptions NAFACL NORTH AMERICAN CHAPTER OF THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS A. Chandrasekaran, D. Parikh, M. Bansal Evaluating Visual Conversational Agents via Cooperative Human-Al Games COL 2017 P. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran, A. Das, S. Lee, D. Batra, D. Parikh SortStory: Sorting Jumbled Images and Captions into Stories EMNLP EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING H. Agrawal*, A. Chandrasekaran*, D. Barikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor CVPR IEEE Conversence on Computer Vision And Pattern Recognition A. Chandrasekaran, A. K. Vijayakumar, S. Aritol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. * Lakav Auxia (Apr. 2012 A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh * Auxia (Apr. 2017 A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh * Auxia (Apr. 2017 A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh * Awards * Reviewing * Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). * Witual conference	V. Prabhu, A. Chandrasekaran , K. Saenko, J. Hoffman	
S. TSUTSUI, A. Chandrasekaran, M. A. Reza, D. Crandall, C. Yu Do explanation modalities make VQA models more predictable to a human? EMNLP CONFERENCE ON EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING A. Chandrasekaran*, V. Prabhu*, D. Yadav*, P. Chattopadhyay*, D. Parikh Punny Captions: Witty Wordplay in Image Descriptions MACL NORTH AMERICAN CHAPTER OF THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS A. Chandrasekaran, D. Parikh, M. Bansal Evaluating Visual Conversational Agents via Cooperative Human-Al Games Evaluating Visual Conversational Agents via Cooperative Human-Al Games CONFERENCE ON HUMAN COMPUTATION AND CROWDSOURCING CONFERENCE ON COMPUTATION AND PATTERN RECOGNITION CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION CONFERENCE	A computational model of early word learning from the infant's point of view	CogSci
Do explanation modalities make VQA models more predictable to a human? Conference on Empriroda Methodos in Natural Language Processing A. Chandrasekaran*, V. Prabhu*, D. Yadav*, P. Chattopadhyay*, D. Parikh Punny Captions: Witty Wordplay in Image Descriptions A. Chandrasekaran, D. Parikh, M. Bansal Evaluating Visual Conversational Agents via Cooperative Human-Al Games Conference on Human Computation and Captions in Vocal P. Chattopadhyay, D. Parikh A. Chandrasekaran, D. Parikh, M. Bansal Evaluating Visual Conversational Agents via Cooperative Human-Al Games Conference on Human Computation and Captions (No. 2017) P. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran, A. Das, S. Lee, D. Batra, D. Parikh SortStory: Sorting Jumbled Images and Captions into Stories Empirical Methodos in Natural Language Processing H. Agrawal*, A. Chandrasekaran*, D. Batra, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor IEEE Conference on Computer Vision and Pattern Recognition A. Chandrasekaran*, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers Anxiv J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind Axiv A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh Awards Reviewing Reviewing Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference		July 2020
COMPERENCE ON EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING A. Chandrasekaran*, V. Prabhu*, D. Yadav*, P. Chattopadhyay*, D. Parikh Punny Captions: Witty Wordplay in Image Descriptions NAACL NORTH AMERICAN CHAPTER OF THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS A. Chandrasekaran, D. Parikh, D. Parikh Sansal Evaluating Visual Conversational Agents via Cooperative Human-AI Games COLDIT C. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran, A. Das, S. Lee, D. Batra, D. Parikh SortStory: Sorting Jumbled Images and Captions into Stories EMNLP EMPIRICAN METHODS IN NATURAL LANGUAGE PROCESSING NOW 2016 H. Agrawal*, A. Chandrasekaran*, D. Batra, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor CVPR IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of AI's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	S. Tsutsui , A. Chandrasekaran , M. A. Reza, D. Crandali, C. Yu	
A. Chandrasekaran*, V. Prabhu*, D. Yadav*, P. Chattopadhyay*, D. Parikh Punny Captions: Witty Wordplay in Image Descriptions NACL North American Charter of the Association For Computational Linguistics A. Chandrasekaran, D. Parikh, M. Bansal Evaluating Visual Conversational Agents via Cooperative Human-AI Games Conference on Human Computation and Crowbsourcing Cot. 2017 P. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran, A. Das, S. Lee, D. Batra, D. Parikh SortStory: Sorting Jumbled Images and Captions into Stories Empirical Methods in Natural Language Processing H. Agrawal*, A. Chandrasekaran*, D. Batra, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor CVPR IEEE Conference on Computer Vision And Pattern Recognition A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV ARXIV APIC 2022 J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of AI's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWards REVIEWING REVIEWING 1021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	Do explanation modalities make VQA models more predictable to a human?	EMNLP
Punny Captions: Witty Wordplay in Image Descriptions NORTH AMERICAN CHAPTER OF THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS A. Chandrasekaran, D. Parikh, M. Bansal Evaluating Visual Conversational Agents via Cooperative Human-AI Games CONFERENCE ON HUMAN COMPUTATION AND CROWDSOURCING COL 2017 P. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran, A. Das, S. Lee, D. Batra, D. Parikh SortStory: Sorting Jumbled Images and Captions into Stories EMNLP EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING H. Agrawal*, A. Chandrasekaran*, D. Batra, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor CVPR IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of AI's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Witual conference		Nov. 2018
NORTH AMERICAN CHAPTER OF THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS A. Chandrasekaran, D. Parikh, M. Bansal Evaluating Visual Conversational Agents via Cooperative Human-Al Games HCOMP CONFERENCE ON HUMAN COMPUTATION AND CROWDSOURCING P. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran, A. Das, S. Lee, D. Batra, D. Parikh SortStory: Sorting Jumbled Images and Captions into Stories EMNLP EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING H. Agrawal*, A. Chandrasekaran*, D. Batra, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor CVPR IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWards REVIEWING 1021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	A. Chandrasekaran*, V. Prabhu*, D. Yadav*, P. Chattopadhyay*, D. Parikh	
Evaluating Visual Conversational Agents via Cooperative Human-Al Games	Punny Captions: Witty Wordplay in Image Descriptions	NAACL
Evaluating Visual Conversational Agents via Cooperative Human-Al Games CONFERENCE ON HUMAN COMPUTATION AND CROWDSOURCING CONFERENCE ON HUMAN COMPUTATION AND CROWDSOURCING CC. 2017 C. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran, A. Das, S. Lee, D. Batra, D. Parikh SortStory: Sorting Jumbled Images and Captions into Stories EMNLP EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING H. Agrawal", A. Chandrasekaran*, D. Batra, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor CVPR IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV Agr. 2022 J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh Awards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference		June 2018
CONFERENCE ON HUMAN COMPUTATION AND CROWDSOURCING P. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran, A. Das, S. Lee, D. Batra, D. Parikh SortStory: Sorting Jumbled Images and Captions into Stories EMNLP EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING Nov. 2016 H. Agrawal*, A. Chandrasekaran*, D. Batra, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor [EEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV Mor. 2022 J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind ARXIV Apr. 2017 A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh Awards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	A. Chandrasekaran, D. Parikh, M. Bansal	
P. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran, A. Das, S. Lee, D. Batra, D. Parikh SortStory: Sorting Jumbled Images and Captions into Stories EMNLP EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING Nov. 2016 H. Agrawal*, A. Chandrasekaran*, D. Batra, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor EEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV ARXIV Mor. 2022 J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWArds REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	Evaluating Visual Conversational Agents via Cooperative Human-Al Games	HCOMP
SortStory: Sorting Jumbled Images and Captions into Stories EMNLP EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING Nov. 2016 H. Agrawal*, A. Chandrasekaran*, D. Batra, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor CVPR IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV ARXIV ARXIV ARXIV APIC 2012 It takes Two to Tango: Towards Theory of Al's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference		Oct. 2017
EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING H. Agrawal*, A. Chandrasekaran*, D. Batra, D. Parikh, M. Bansal We Are Humor Beings: Understanding and Predicting Visual Humor CVPR IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV Mar. 2022 J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	P. Chattopadhyay, D. Yadav, V. Prabhu, A. Chandrasekaran , A. Das, S. Lee, D. Batra, D. Parikh	
We Are Humor Beings: Understanding and Predicting Visual Humor CVPR IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV ARXIV API. 2017 A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWARTS REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	SortStory: Sorting Jumbled Images and Captions into Stories	EMNLP
We Are Humor Beings: Understanding and Predicting Visual Humor IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV Mar. 2022 J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind ARXIV Apr. 2017 A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh Awards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference		Nov. 2016
IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV Mar. 2022 J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	H. Agrawal*, A. Chandrasekaran *, D. Batra, D. Parikh, M. Bansal	
A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh * Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV Mar. 2022 J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind ARXIV Apr. 2017 A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh Awards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	We Are Humor Beings: Understanding and Predicting Visual Humor	CVPR
* Denotes equal contribution. Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind ARXIV Apr. 2017 A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh Awards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference		July 2016
Preprints LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh Awards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	A. Chandrasekaran, A. K. Vijayakumar, S. Antol, M. Bansal, D. Batra, C. L. Zitnick, D. Parikh	
LocATe: End-to-end Localization of Actions in 3D with Transformers ARXIV J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	* Denotes equal contribution.	
ARXIV J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Mar. 2022 Apr. 2017 Apr. 2017 Apr. 2017 Apr. 2017 Avairable Conference	Preprints	
ARXIV J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran It takes Two to Tango: Towards Theory of Al's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Mar. 2022 Apr. 2017 Apr. 2017 Apr. 2017 Apr. 2017 Avairable Conference	LocATe: End-to-end Localization of Actions in 3D with Transformers	
It takes Two to Tango: Towards Theory of Al's Mind ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh AWards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference		Mar. 2022
ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh Awards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	J. Sun, B. Zhou, M. J. Black, A. Chandrasekaran	
ARXIV A. Chandrasekaran*, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh Awards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	It takes Two to Tango: Towards Theory of Al's Mind	
Awards REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference		Apr. 2017
REVIEWING 2021 Outstanding reviewer, Computer Vision and Pattern Recognition (CVPR). Virtual conference	A. Chandrasekaran *, D. Yadav*, P. Chattopadhyay*, V. Prabhu*, D. Parikh	
2021 Outstanding reviewer , Computer Vision and Pattern Recognition (CVPR). <i>Virtual conference</i>	Awards	
2021 Outstanding reviewer , Computer Vision and Pattern Recognition (CVPR). <i>Virtual conference</i>	Reviewing	
	2021 Outstanding reviewer , Computer Vision and Pattern Recognition (CVPR).	Virtual conference

Talks

- 'Grounding language in 3D human movement', Amazon AWS (remote talk). 2022.
- 'Grounding language in 3D human movement', NEON, Samsung Research America (remote talk). 2022.
- 'Computational Humor Meeting' (Off-the-grid virtual meeting). 2022.
- 'Talk & Talk' seminar series at MPI for Intelligent Systems, Tübingen, Germany (remote talk). 2021.
- Mercedes-Daimler Research, Bangalore, India (remote talk). 2021.
- Perceiving Systems Dept. at MPI for Intelligent Systems, Tübingen, Germany. 2019.
- Dept. of Psychological and Brain Sciences, Indiana University, Bloomington, USA. 2019.
- · Laboratory of Sensorimotor Research, National Institutes for Health (NIH), Bethesda, USA. 2019.
- Invited talk at the 'Vision and Language' course at Georgia Tech, Atlanta, USA. 2018.
- Institute for Critical Technology and Applied Science (ICTAS) seminar series at Virginia Tech, Blacksburg, USA. 2017.
- Mid-Atlantic Computer Vision (MACV) Workshop at Johns Hopkins University, Baltimore, USA. 2017.
- CVPR Spotlight talk (on Visual Humor) at Las Vegas, USA. 2016.

Reviewing

- 2022 CVPR, ICRA, ECCV, NeurIPS
- 2021 CVPR, NeurIPS, AAAI
- 2020 ICRA, CogSci, ECCV, NeurIPS
- 2019 ICML, NAACL, NCVPRIPG (India)
- 2018 CVPR, ICML, TPAMI
- 2017 CVPR, NIPS

Advising

Current

- Darsh Kaushik. Intern (B. Tech. at NIT Silchar, India).
- Leyre Sánchez Viñuela. Intern (MA in Computational Linguistics at University of Tübingen).

Past

- Jiankai Sun. Intern (MS at Chinese University of Hong Kong \rightarrow PhD at Stanford University).
- Taylor McConnell. Intern (MA in Computational Linguistics at University of Tübingen → Data capture team at Perceiving Systems Dept.,
 MPI for Intelligent Systems).
- Mayank Lunayach. Intern (B. Tech. at IIT Kanpur, India → MS at Georgia Tech).

Teaching .

CS 4476: Introduction to Computer Vision.

Georgia Tech

HEAD TEACHING ASSISTANT. INSTRUCTOR: DEVI PARIKH.

Fall 2018

CS 8803: Computer Vision and Language

Georgia Tech

TEACHING ASSISTANT. INSTRUCTOR: DEVI PARIKH.

Fall 2017