Arjun **Chandrasekaran**

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

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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).

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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 human movement', Amazon AWS (remote talk). 2022.
- 'Grounding language in 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
- 2019 ICML, NAACL, NCVPRIPG (India)
- 2018 CVPR, ICML
- 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