

Samyak Datta
samyak@gatech.edu
<https://samyak-268.github.io>

EDUCATION Georgia Institute of Technology, Atlanta, GA 2017-present
Ph.D., Computer Science
Advisor: Prof. Devi Parikh
Current GPA: 3.51/4

Indian Institute of Technology, Roorkee, India 2010-2015
Dual Degree (B.Tech + M. Tech), Computer Science and Engineering
CGPA: 8.168/10

WORK EXPERIENCE **College of Computing, Georgia Institute of Technology, USA**
Graduate Research Assistant July 2017 - Present
Advisor : Prof. Devi Parikh

Facebook AI Research, Menlo Park, CA, USA
Research Intern May 2019 - Aug 2019

SRI International, Princeton, NJ, USA
Research Intern May 2018 - Aug 2018

Center for Visual Information Technology, IIIT-Hyderabad (India)
Research Assistant July 2016 - July 2017
Advisors : Prof. C.V. Jawahar and Prof. Gaurav Sharma

Media.net (Directi), Mumbai, India
Software Engineer June 2015 - June 2016

Media.net (Directi), Mumbai, India
Software Engineering Intern May 2014 - Jul 2014

Google, Bangalore, India
Software Engineering Intern May 2013 - Jul 2013

Cadence Design Systems, Noida (N.C.R.), India
Summer Trainee May 2012 - Jul 2012

PUBLICATIONS **Samyak Datta**, Sameer Dharur, Vincent Cartillier, Ruta Desai, Mukul Khanna, Dhruv Batra, Devi Parikh, “Episodic Memory Question Answering”, **CVPR 2022**

Samyak Datta, Oleksandr Maksymets, Judy Hoffman, Stefan Lee, Dhruv Batra, Devi Parikh, “Integrating Egocentric Localization for More Realistic Point-Goal Navigation Agents”, **CoRL 2020**

Samyak Datta, Karan Sikka, Anirban Roy, Karuna Ahuja, Devi Parikh, Ajay Divakaran, “Align2ground: Weakly supervised phrase grounding guided by image-caption alignment”, **ICCV 2019**

Erik Wijmans*, **Samyak Datta***, Oleksandr Maksymets*, Abhishek Das, Geor-

gia Gkioxari, Stefan Lee, Irfan Essa, Devi Parikh, Dhruv Batra, “Embodied Question Answering”, **CVPR 2019 (oral)**

Abhishek Das, **Samyak Datta**, Georgia Gkioxari, Stefan Lee, Devi Parikh, Dhruv Batra, “Embodied Question Answering”, **CVPR 2018 (oral)**

Samyak Datta, Gaurav Sharma, C.V. Jawahar, “Unsupervised Learning of Face Representations”, **IEEE FG 2018 (oral) [Best Paper Award]**

Samyak Datta, “Learning OpenCV 3 Application Development - Build, create and deploy your own computer vision applications with the power of OpenCV”, *Packt Publishers*, ISBN 13 9781784391454

Samyak Datta, Debashis Sen, R. Balasubramanian, “Integrating Geometric and Textural Features for Facial Emotion Classification using SVM Frameworks”, *International Conference on Computer Vision and Image Processing (CVIP 2016)*

AWARDS

Runners-up at the Point-Goal navigation track in the Habitat Challenge at CVPR 2019.

Best Paper Award at the IEEE Conference on Automatic Face and Gesture Recognition (FG 2018).

TEACHING & SERVICE

Head Teaching Assistant for CS 4476: Introduction to Computer Vision (Fall 2018) and CS 6476: Computer Vision (Fall 2019) at Georgia Tech.

Co-organized the Embodied AI Workshop at CVPR 2020, Habitat Embodied Agents Workshop at CVPR 2019, Visually Grounded Interaction and Learning (ViGIL) at NIPS 2018 and Visual Learning and Embodied Agents in Simulation Environments at ECCV 2018.

Served as a reviewer for ECCV 2018, CVPR 2019, NeurIPS 2019, ECCV 2020, CVPR 2021, T-PAMI.

OPEN SOURCE

OpenCV: Contributor to the official GitHub repository of OpenCV: the Open Source Computer Vision Library.

FOSSASIA, 2015: Invited as a speaker at FOSSASIA 2015: an annual summit focused on Open Source technologies to be held from March 13th - 15th, 2015 at NUS, Singapore.

CO-CURRICULAR ACTIVITIES

Secured a position among the top 10 teams at the Social Venture Challenge - an international B-Plan competition organized during iPreneur'15 at the Tata Institute of Social Sciences (TISS), Mumbai.

Head, Web Cell, Geek Gazette - the on-campus technical magazine of Indian Institute of Technology, Roorkee.

Joint Secretary, Web and Technocreative cell, National Service Scheme (NSS, IITR Chapter).

Awarded certificate of Sangeet Bhushan, Part I and Prarambhik, Part II by the Pracheen Kala Kendra, Chandigarh in the year 2007-2008.