

Arjun Gupta

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EDUCATION

University of Illinois at Urbana-Champaign

PhD in Electrical and Computer Engineering

M.S. in Electrical and Computer Engineering

B.S. in Computer Engineering

- Graduated with Highest Honors (GPA: 3.97)

Urbana, IL

Jan. 2023 - Present

Jan. 2021 - Dec. 2022

Aug. 2017 - Dec. 2020

PUBLICATIONS

1. Predicting Motion Plans for Articulating Everyday Objects
Arjun Gupta, Max E. Shepherd, Saurabh Gupta
International Conference on Robotics and Automation (ICRA), 2023
2. Learning Value Functions from Undirected State-only Experience
Matthew Chang*, **Arjun Gupta***, Saurabh Gupta
International Conference on Learning Representations (ICLR), 2022
3. Text Embedding Bank for Detailed Image Paragraph Captioning
Arjun Gupta, Zack Shen, Thomas Huang
Association for the Advancement of Artificial Intelligence (AAAI), 2021 [Student Abstract]
4. Semantic Visual Navigation by Watching YouTube Videos
Matthew Chang, **Arjun Gupta**, Saurabh Gupta
Neural Information Processing Systems (NeurIPS), 2020
5. Deep Learning for Cardiologist-level Myocardial Infarction Detection in Electrocardiograms
Arjun Gupta, Eliu Huerta, Zhizhen Zhao, Issam Moussa
European and Medical Biological Engineering Conference (EMBEC), 2020

PREPRINTS

1. Opening Cabinets and Drawers in the Real World using a Commodity Mobile Manipulator [\[webpage\]](#)
Arjun Gupta*, Michelle Zhang*, Rishik Sathua, Saurabh Gupta
Under Review.
2. Estimating Perceptual Uncertainty to Predict Robust Motion Plans
Arjun Gupta, Michelle Zhang, Saurabh Gupta
Under Review.
3. Mitigating Perspective Distortion-induced Shape Ambiguity in Image Crops
Aditya Prakash, **Arjun Gupta**, Saurabh Gupta
Under Review.
4. OpenRadar: A Toolkit for Prototyping mmWave Radar Applications
Arjun Gupta*, Dashiell Kosaka*, Edwin Pan*, Jingning Tang*, Ruihao Yao*, Sanjay Patel
arXiv preprint (2019)

*denotes equal contribution.