Arjun Gupta

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EDUCATION

University of Illinois at Urbana-Champaign   Urbana, IL
PhD in Electrical and Computer Engineering   *Jan. 2023 - Present*
M.S. in Electrical and Computer Engineering   *Jan. 2021 - Dec. 2022*
B.S. in Computer Engineering   *Aug. 2017 - Dec. 2020*
- Graduated with Highest Honors (GPA: 3.97)

AWARDS AND HONORS

Andrew T. Yang Research and Entrepreneurship Award   2022
- Full graduate funding for two years.

Henry O. Koehler Merit Scholarship   2020
Daniel W. and Carol A. Dobberpuhl Award[1]   2020
Omron Electrical Engineering Scholarship[2]   2019, 2020
Fiddler Innovation Undergraduate Student Fellowship   2019
Ackmann Family Scholarship[1]   2018

[1] *Awarded to one student out of a pool of* 1000+, [2] *Awarded to two students out of a pool of* 1000+

PUBLICATIONS AND TECHNICAL REPORTS

Predicting Motion Plans for Articulating Everyday Objects
Arjun Gupta, Max E. Shepherd, Saurabh Gupta
International Conference on Robotics and Automation (ICRA) 2023

Learning Value Functions from Undirected State-only Experience
Matthew Chang*, **Arjun Gupta***, Saurabh Gupta
International Conference on Learning Representations (ICLR) 2022

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]

Semantic Visual Navigation by Watching YouTube Videos
Matthew Chang, **Arjun Gupta**, Saurabh Gupta
Neural Information Processing Systems (NeurIPS) 2020

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

OpenRadar: A Toolkit for Prototyping mmWave Radar Applications
Arjun Gupta*, Dashiell Kosaka*, Edwin Pan*, Jingning Tang*, Ruihao Yao*, Sanjay Patel
arXiv preprint

*denotes equal contribution.