

# Arjun Gupta

arjung2@illinois.edu | arjung128.github.io

## EDUCATION

---

**University of Illinois at Urbana-Champaign**

January 2021 - Present

*PhD in Electrical and Computer Engineering*

*Urbana, IL*

**University of Illinois at Urbana-Champaign**

August 2017 - December 2020

*B.S. in Computer Engineering*

*Urbana, IL*

- Graduated with Highest Honors (GPA: 3.97)

## AWARDS AND HONORS

---

Andrew T. Yang Research and Entrepreneurship Award

2022

- Full funding for up to two years.

Henry O. Koehler Merit Scholarship

2020

Daniel W. and Carol A. Dobberpuhl Award<sup>1</sup>

2020

Omron Electrical Engineering Scholarship<sup>2</sup>

2019, 2020

Fiddler Innovation Undergraduate Student Fellowship

2019

Ackmann Family Scholarship<sup>1</sup>

2018

<sup>1</sup>Awarded to one student out of a pool of 1000+, <sup>2</sup>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 (EMBECE) 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.