

CONTACT  
INFORMATIONEmail: [harshgupta@stanford.edu](mailto:harshgupta@stanford.edu)

Phone: [REDACTED]



## EDUCATION

**Stanford University**  
M.S., Computer ScienceStanford, CA USA  
Sep. 2026 - June 2028**University of Illinois Urbana-Champaign**  
B.S., Computer Engineering; Highest HonorsUrbana, IL USA  
Aug. 2022 - May 2026

## PREPRINTS

[1] **Harsh Gupta**, Guanya Shi, Wenzhen Yuan. "LUCID: Learning Embodiment-Agnostic Intent Models from Unstructured Human Videos for Scalable Dexterous Robot Skill Acquisition." *Under review at Conference on Robot Learning (CoRL)*, 2026.

PUBLICATIONS  
\* DENOTES EQUAL  
CONTRIBUTION

[2] Mohammad Amin Mirzaee, **Harsh Gupta**, Wenzhen Yuan. "Function-based Parametric Co-Design Optimization of Dexterous Hands." *International Conference on Intelligent Robots and Systems (IROS)*, 2026.

[3] **Harsh Gupta**, Xiaofeng Gao, Huy Ha, Chuer Pan, Dongjae Lee, Muqing Cao, Sebastian Scherer, Shuran Song, Guanya Shi. "UMI-on-Air: Embodiment-Aware Guidance for Embodiment-Agnostic Visuomotor Policies." *International Conference for Robotics and Automation (ICRA)*, 2026.

[4] **Harsh Gupta**, Mohammad Amin Mirzaee, Wenzhen Yuan. "Grasp to Act: Dexterous Grasping for Tool-Use in Dynamic Settings." *Robotics and Automation Letters (RA-L)*, 2026.

[5] **Harsh Gupta\***, Yuchen Mo\*, Shengmiao Jin, Wenzhen Yuan. "Sensor-Invariant Tactile Representation." *International Conference on Learning Representations (ICLR)*, 2025.

RESEARCH  
EXPERIENCE**Stanford University**

Research Assistant, Advised by Prof. Shuran Song

Stanford, CA USA

Jun. 2026 - Present

**University of Illinois Urbana-Champaign**

Research Assistant, Advised by Prof. Wenzhen Yuan

Urbana, IL USA

Feb. 2024 - May 2026

**Carnegie Mellon University**

Research Intern, Advised by Prof. Guanya Shi

Pittsburgh, PA USA

Jun. 2025 - Sep. 2025

HONORS AND  
AWARDS

Indira Gunda Saladi Engineering Research Prize, UIUC

2024, 2025

Omron Electrical Engineering Scholarship, UIUC

2025

Zhang Cheng Family Scholarship, UIUC

2025

Timothy N. Trick Leadership Award, UIUC

2025

Ackmann Family Scholarship, UIUC

2024

## SERVICE

Reviewer for *NeurIPS* (2026); *CoRL* (2026); *RA-L* (2025, 2026)

## TEACHING

Teaching Assistant for *Introduction to Computing*, UIUC

Spring 2023