Hrishit Leen

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Education

Georgia Institute of Technology Atlanta, GA
PhD in Robotics (Advisor: Prof. Animesh Garg)
Expected May 2027, GPA: 4.0

University of California, Berkeley Berkeley, CA
M.S. in Electrical Engineering and Computer Science (Computer Vision & AI)
Graduated May 2024, GPA: 3.95

University of California, Berkeley Berkeley, CA
B.S. in Computer Science
Graduated May 2023, GPA: 3.965

Dean's List: Fall 2020, Fall 2021, Spring 2022

Relevant Coursework and Grades:
Structure and Interpretation of Computer Languages (A+), Designing Information and Devices Systems I & II (A), Data Structures (A+), Efficient Algorithms and Intractable Problems (A-), Discrete Mathematics and Probability Theory (A), Great Ideas of Computer Architecture (A+), Brain, Mind, and Behavior (A), Introduction to Artificial Intelligence (A), Computer Security (A), Deep Reinforcement Learning, Decision Making, and Control (A+), Computability and Complexity (A), Combinatorial Algorithms and Data Structures (A), Graduate Combinatorics and Discrete Probability (A).

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Publications

- **Towards Policy-Aware World Models**, Varun Giridhar, Ignat Georgiev, **Hrishit Leen**, Nicklas Hansen, Animesh Garg. *ICLR 2026 Preprint*.
- **FLASH: Flow-Based Language-Annotated Grasp Synthesis for Dexterous Hands**, **Hrishit Leen**, Jeremy A. Collins, Kunal Aneja, Chetan Reddy, Nhi Nguyen, Priyadarshini Tamilselvan, Sri Siddarth Chakaravarthy, Miroslav Bogdanovic, Animesh Garg. *CoRL 2025 Workshop (Dexterous Manipulation Spotlight)*.
- **Survey on Dexterous Grasping**, **Hrishit Leen***, Kunal Aneja*, Chetan Reddy, Priyadarshini Tamilselvan, Sri Siddarth Chakaravarthy, Nhi Nguyen, Jeremy Collins, Miroslav Bogdanovic, Animesh Garg. *Journal Preprint*.
- **Offline Reinforcement Learning for Visual Navigation**, Dhruv Shah, Arjun Bhorkar, **Hrishit Leen**, Ilya Kostrikov, Nick Rhinehart, Sergey Levine. *CoRL 2022 (Oral Presentation)*.

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Research & Professional Experience

Graduate Researcher, PAIR Lab (Georgia Tech) 2024–Present
Advisor: Prof. Animesh Garg

Research on language-conditioned dexterous grasp synthesis, world models, and flow-based generative modeling.

Graduate Researcher, RAIL/BAIR Lab (UC Berkeley) Fall 2023
Advised by Dhruv Shah, Laura Smith, and Prof. Sergey Levine
Automated data collection and curriculum learning for mobile manipulation.

IP Software Intern, Apple Inc. Summer 2023
AI Systems Team
Built and Deployed AI models in IP software assistance

Undergraduate Researcher, RAIL/BAIR Lab (UC Berkeley) Spring 2022
Advised by Dhruv Shah and Prof. Sergey Levine
Worked on offline reinforcement learning for robot navigation. Developed simulation pipelines leading to a CoRL publication.

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Teaching & Volunteering

Teaching Assistant, CS6601 (Intro to AI) Georgia Tech, Spring 2025

Teaching Assistant, CS188 (Intro to AI) UC Berkeley, Spring 2023

Led weekly discussion sections, managed course resources, and facilitated discussions to enhance students' understanding of AI concepts

Course Reader, CS188 (Intro to AI) UC Berkeley, Fall 2022

Provided support to students through office hours, offering guidance and assistance, and contributed to the grading process for coursework

Lab Tutor, EECS 16B (Circuits & Systems) UC Berkeley, Fall 2021

Instructed and guided students on circuitry and software in building a voice controlled car. Experience with TI Launchpad and breadboarding

Senior Mentor, CS70 (Discrete Math & Probability) Fall 2021 – Dec 2022

Facilitated weekly sessions for 5 students, providing in-depth instruction on various discrete mathematics topics to strengthen their comprehension and mastery.

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Technical Skills

Languages: Python, JavaScript, C#, Java, HTML, SQL
Frameworks & Libraries: PyTorch, NumPy, JAX, ROS, Unity, Mujoco, Express.js, React, MongoDB, Jupyter, Linux
Tools: Isaac Lab, AWS, Node.js, TensorFlow.js, Phaser.js, Pygame, Android Studio
Natural Languages: English (Native), French (Intermediate), Hindi (Intermediate)