Hrish Leen

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Education:

Georgia Institute of Technology (Atlanta, GA) Expected Graduation: May 2027, PhD in Robotics GPA: 4.0

University of California Berkeley (Berkeley, CA) Graduated: May 2024, EECS 5th Year Masters in CV/AI GPA: 3.95

In the **Dean's List** for College Of Letters & Science for the years: Fall 2020, Fall 2021, Spring 2022

University of California Berkeley (Berkeley, CA) Graduated: May 2023, Bachelors in Computer Science GPA: 3.965

Relevant Coursework: Structure and Interpretation of Computer Languages (A+), Designing Information and Devices and Systems I and 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)

Publications:

- **Offline Reinforcement Learning for Visual Navigation**, Dhruv Shah, Arjun Bhorkar, **Hrishit Leen**, Ilya Kostrikov, Nick Rhinehart, Sergey Levine, Conference on Robot Learning (CoRL), 2022 (Oral Presentation)
- **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 P, Miroslav Bogdanovic, Animesh Garg (In preparation)
- **Survey on Dexterous Grasping, Hrishit Leen***, Kunal Aneja*, Chetan Reddy, Priyadarshini Tamilselvan, Sri Siddarth Chakaravarthy, Nhi Nguyen, Jeremy Collins, Miroslav Bogdanovic, Animesh Garg (In preparation)

Job Experience, Research and Department Service:

Graduate Researcher at RAIL/BAIR (Berkeley Artificial Intelligence Research Lab) Fall 2023. Advised by PhD students Dhruv Shah, Laura Smith and Professor. Sergey Levine

- Automated data collection and developed robotic curriculum learning for mobile manipulation robotics

IP Software Intern (Apple) Summer 2023

- Built/Deployed AI models in IP software assistance

Teaching Assistant (CS6601 Online - Introduction to AI) (Georgia Institute of Technology) Spring 2025

Teaching Assistant (CS188 - Introduction to AI) (University of California Berkeley) Spring 2023

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

Course Reader (CS188 - Introduction to AI) (University of California Berkeley) Fall 2022

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

Undergraduate Researcher at RAIL/BAIR (Berkeley Artificial Intelligence Research Lab) Spring 2022. Advised by PhD student Dhruv Shah and Professor. Sergey Levine

- Researched offline learning for navigational robots and developed simulations in MuJoCo, led to a paper that got accepted in CORL

Lab Tutor For Undergraduate EE Course (EECS 16B) (University of California 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 for CS70 (Discrete Math and Probability) Fall 2021 - December 2022

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

Skills:

Programming Languages: (Proficient): Python, Javascript, C#, Java,

Technologies and Frameworks: (Proficient): NumPy, P5.js, Unity Engine, Express.js, React, MongoDB, Mujoco, ROS, JAX, Jupyter Notebooks, Linux (Familiar): AWS, Node.js, TensorFlow.js, Phaser.js, PyTorch, Pygame, Android Studio, IsaacLab

Other Languages: (Proficient): HTML, SQL

Natural Languages: (Native) English, (Intermediate) French, (Intermediate) Hindi