Nikita Dhawan

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Education

University of California, Berkeley Aug 2017 – Dec 2020
Bachelor of Arts in Computer Science, Applied Mathematics (Honors) *Berkeley, CA*

- Cumulative GPA: 3.96 / 4.00
- Relevant Coursework (* indicates graduate level): Theoretical Statistics*, Information Theory and Coding*, Deep Reinforcement Learning*, Machine Learning, Probability and Random Processes, Optimization, Real Analysis, Complex Analysis, Abstract Algebra, Data Structures and Algorithms

Research Experience

Undergraduate Research Assistant June 2019 – Present
Berkeley Artificial Intelligence Research *Berkeley, CA*

- Supervised by Professor Sergey Levine at RAIL
- General focus on developing robust, adaptable machine learning algorithms to tackle real-world problems like task specification and distribution shift
- Worked on model-based reinforcement learning for robotics tasks, meta-learning

Publications

M. Zhang*, H. Marklund*, **N. Dhawan***, A. Gupta, S. Levine, and C. Finn, "Adaptive Risk Minimization: A Meta-Learning Approach for Tackling Group Shift"
under review at International Conference on Learning Representations 2020

L. Smith, **N. Dhawan**, M. Zhang, P. Abbeel, and S. Levine, "AVID: Learning Multi-Stage Tasks via Pixel-Level Translation from Human Videos"
in Robotics: Science and Systems 2020

Teaching

EECS 126: Probability and Random Processes Spring 2020, Fall 2020
Undergraduate Student Instructor

EECS 229A: Information Theory and Coding Fall 2020
Reader

Math 113: Introduction to Abstract Algebra Fall 2018, Spring 2019
Reader

Awards

Rubin Leman Scholarship 2019 – 2020
Merit-based scholarship through Berkeley International Office

James Hjul Scholarship 2018 – 2019
Merit-based scholarship through Berkeley International Office

College of Letters and Science Dean's Honors List 2017 onwards
Top 10% of undergraduates