

# Nikita Dhawan

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## EDUCATION

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### University of Toronto and Vector Institute

Sept 2021 – present

*PhD in in Machine Learning group*

*Toronto, ON*

- Advised by Professors Roger Grosse and Chris Maddison

### University of California, Berkeley

Aug 2017 – Dec 2020

*BA in Computer Science, Applied Mathematics (Honors)*

*Berkeley, CA*

- Undergraduate researcher at Berkeley AI Research, supervised by Professor Sergey Levine

## EXPERIENCE

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### Student Researcher

April 2023 – present

*Google*

*Toronto, ON*

- Hosted by Nicole Mitchell and Karolina Dziugaite

## PUBLICATIONS

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**N. Dhawan**, S. Huang, J. Bae, R. Grosse “Efficient Parametric Approximations of Neural Network Function Space Distance.”

*ICML 2023*

A. Dziedzic\*, H. Duan\*, M. A. Kaleem\*, **N. Dhawan**, J. Guan, Y. Cattan, F. Boenisch, N. Papernot, “Dataset Inference for Self-Supervised Models”

*NeurIPS 2022*

A. Dziedzic, **N. Dhawan**, M. A. Kaleem, J. Guan, N. Papernot, “On the Difficulty of Defending Self-Supervised Learning against Model Extraction”

*ICML 2022*

M. Zhang\*, H. Marklund\*, **N. Dhawan\***, A. Gupta, S. Levine, and C. Finn, “Adaptive Risk Minimization: A Meta-Learning Approach for Tackling Group Shift”

*NeurIPS 2021*

L. Smith, **N. Dhawan**, M. Zhang, P. Abbeel, and S. Levine, “AVID: Learning Multi-Stage Tasks via Pixel-Level Translation from Human Videos”

*RSS 2020*

## TEACHING

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### CSC 311: Introduction to Machine Learning

Fall 2021, Summer 2022

*University of Toronto*

### EECS 126: Probability and Random Processes

Spring 2020, Fall 2020

*UC Berkeley*

### EECS 229A: Information Theory and Coding

Fall 2020

*UC Berkeley*

### Math 113: Introduction to Abstract Algebra

Fall 2018, Spring 2019

*UC Berkeley*

## AWARDS

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<b>Vector Institute Research Grant</b> <i>Graduate research grant</i>	2021 – present
<b>NeurIPS Top Reviewer</b> <i>Recognition for reviewing NeurIPS conference submissions</i>	2022
<b>Rubin Leman Scholarship</b> <i>Merit-based scholarship through Berkeley International Office</i>	2019 – 2020
<b>James Hjul Scholarship</b> <i>Merit-based scholarship through Berkeley International Office</i>	2018 – 2019
<b>College of Letters and Science Dean's Honors List</b> <i>Top 10% of undergraduates</i>	2017 onwards