

Eric Anthony Mitchell

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EDUCATION

Stanford University, Stanford, CA 2019 - PRESENT
Ph.D. in Computer Science
Advisors: Chelsea Finn & Christopher D. Manning

Princeton University, Princeton, NJ 2014 - 2018
B.S.E., Computer Science (Highest Honors)
Advisor: H. Sebastian Seung

PROFESSIONAL EXPERIENCE

DeepMind
Research Scientist Intern, Deep Learning [hosts: Junyoung Chung, Nate Kushman, Aäron van den Oord] 2022

Samsung Research America
Research Intern, part-time 2019 - 2020
Machine Learning Research Engineer 2018 - 2019

Princeton Neuroscience Institute
Research Engineer 2018

Google
Software Engineering Intern 2017

TapTools LLC
Founder, iOS Developer 2012 - 2016

SELECTED PUBLICATIONS & PREPRINTS

Eric Mitchell, Joseph J Noh, Siyan Li, William S Armstrong, Ananth Agarwal, Patrick Liu, Chelsea Finn, Christopher D Manning. Enhancing Self-Consistency and Performance of Pretrained Language Models with NLI. *Oral (4% of submissions)*, *Empirical Methods in Natural Language Processing (EMNLP)*. 2022

Eric Mitchell*, Peter Henderson*, Christopher D. Manning, Dan Jurafsky, Chelsea Finn. Self-Destructing Models: Increasing the Costs of Harmful Dual Uses in Foundation Models. *International Conference on Machine Learning (ICML) Workshop on Pitfalls of Pre-training & Workshop on Frontiers of Adversarial Learning*. 2022

Eric Mitchell, Charles Lin, Antoine Bosselut, Christopher D. Manning, Chelsea Finn. Memory-Based Model Editing at Scale. *International Conference on Machine Learning (ICML)*. 2022

Eric Mitchell, Charles Lin, Antoine Bosselut, Chelsea Finn, Christopher D. Manning. Fast Model Editing at Scale. *International Conference on Learning Representations (ICLR)*. 2022

Suraj Nair, **Eric Mitchell**, Kevin Chen, Brian Ichter, Silvio Savarese, Chelsea Finn. Learning Language-Conditioned Robot Behavior from Offline Data and Crowd-Sourced Annotation. *Conference on Robot Learning (CORL)*. 2021

Rishi Bommasani et al. On the Risks and Opportunities of Foundation Models. *Whitepaper, Center for Research on Foundation Models*. 2021

Eric Mitchell, Rafael Rafailov, Xue Bin Peng, Sergey Levine, and Chelsea Finn. Offline Meta-Reinforcement Learning with Advantage Weighting. *International Conference on Machine Learning (ICML)*. 2021

Riley Simmons-Edler, Ben Eisner, Daniel Yang, Anthony Bisulco, **Eric Mitchell**, H. Sebastian Seung, Daniel D Lee. Reward Prediction Error as an Exploration Objective in Deep RL. *International Joint Conference on Artificial Intelligence (IJCAI)*. 2020

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| Eric Mitchell , Selim Engin, Volkan Isler, Daniel D Lee. Higher-Order Function Networks for Learning Composable 3D Object Representations. <i>International Conference on Learning Representations (ICLR)</i> . | 2020 |
| Tarik Tosun*, Eric Mitchell* , Ben Eisner, Jinwook Huh, Bhoram Lee, Daewon Lee, Volkan Isler, H. Sebastian Seung, Daniel D Lee. Pixels to Plans: Learning Non-Prehensile Manipulation by Imitating a Planner. <i>IEEE International Conference on Intelligent Robots and Systems (IROS)</i> . | 2019 |
| Riley Simmons-Edler*, Ben Eisner*, Eric Mitchell* , H. Sebastian Seung, Daniel D Lee. Q-Learning for Continuous Actions with Cross-Entropy Guided Policies. <i>ICML Workshop on Reinforcement Learning for Real Life</i> . | 2019 |

ACADEMIC AWARDS

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|---|-------------|
| Knight-Hennessy Graduate Fellowship | 2019 - 2022 |
| Princeton CS Outstanding Undergraduate Thesis Prize | 2018 |
| Princeton CS Best Undergraduate Research Poster Prize | 2017 |
| Srixon/Cleveland Golf All-America Scholar | 2017 |
| Tau Beta Pi Engineering Honor Society Vice President | 2016 - 2017 |
| Princeton Shapiro Prize for Academic Excellence | 2016 |

SERVICE

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|---|-------------|
| Stanford CS Ph.D. Admissions Committee Student Member | 2020 - 2022 |
| ICLR Conference Reviewer | 2020 - 2021 |
| NeurIPS Meta-Learning Workshop Reviewer | 2020 - 2021 |
| NeurIPS Conference Reviewer | 2020 - 2021 |
| AI4ALL Summer Camp Instructor | 2018 |

OTHER ACTIVITIES

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| Princeton NCAA Division I Varsity Golf Team | 2014 - 2018 |
| HackPrinceton (1 st Place Team, Software) | 2015 |
| Guitar, Singing, Songwriting | |