# 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

**Google DeepMind** Research Scientist Intern *[Deep Learning team]*          2022

**Samsung Research America** Research Intern, part-time          2019 - 2020

**Samsung Research America** 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\***, Peter Henderson\*, Christopher D. Manning, Dan Jurafsky,          2022
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.*

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

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

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

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

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

Riley Simmons-Edler, Ben Eisner, Daniel Yang, Anthony Bisulco,          2020
**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).*

**Eric Mitchell**, Selim Engin, Volkan Isler, Daniel D Lee. Higher-Order          2020
Function Networks for Learning Composable 3D Object Representations.
*International Conference on Learning Representations (ICLR).*

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. *IEEE International Conference on Intelligent Robots and Systems (IROS).*  2019

Riley Simmons-Edler*, Ben Eisner*, **Eric Mitchell\***, H. Sebastian Seung, Daniel D Lee. Q-Learning for Continuous Actions with Cross-Entropy Guided Policies. *ICML Workshop on Reinforcement Learning for Real Life.*  2019

**Eric Mitchell**, Stefan Keselj, Sergiy Popovych, Davit Buniatyan, H. Sebastian Seung. Siamese Encoding and Alignment by Multiscale Learning with Self-supervision. *Undergraduate Thesis.*  2018

## ACADEMIC AWARDS

| | |
|---|---|
| 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 (1st Place Team, Software) | 2015 |
| Guitar, Singing, Songwriting | |