

# ERIC ANTHONY MITCHELL

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<https://ericmitchell.ai>

## EDUCATION

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<b>Stanford University</b> PhD Student, Computer Science Advised by Chelsea Finn & Chris Manning Funding: Knight-Hennessy Scholars Graduate Fellowship	2019 - PRESENT Stanford, CA
<b>Princeton University</b> B.S.E., Computer Science Thesis advised by H Sebastian Seung Highest Honors, Sigma Xi	2014 - 2018 Princeton, NJ

## RESEARCH \*INDICATES CO-FIRST AUTHORSHIP

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Rishi Bommasani et al. On the Risks and Opportunities of Foundation Models.  
*Preprint* 2021

**Eric A 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

**Eric A Mitchell**, Chelsea Finn, Chris Manning. Challenges of Acquiring Compositional Inductive Biases via Meta-Learning.  
*AAAI Conference on Artificial Intelligence Meta-Learning Workshop* 2021

Ziyun Wang, **Eric A Mitchell**, Volkan Isler, Daniel D Lee. Geodesic-HOF: 3D Reconstruction Without Cutting Corners.  
*AAAI Conference on Artificial Intelligence* 2021

Riley Simmons-Edler, Ben Eisner, Daniel Yang, Anthony Bisulco, **Eric A 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

Selim Engin, **Eric A Mitchell**, Daewon Lee, Volkan Isler, Daniel D Lee. Higher Order Function Networks for View Planning and Multi-View Reconstruction.  
*IEEE International Conference on Robotics and Automation (ICRA)* 2020

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

Tarik Tosun\*, **Eric A Mitchell\***, Ben Eisner, Jinwook Huh, Boram 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 A Mitchell\***, H Sebastian Seung, Daniel D Lee. Q-Learning for Continuous Actions with Cross-Entropy Guided Policies.  
*International Conference on Machine Learning (ICML) Workshop on Reinforcement Learning for Real Life* 2019

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

## PROFESSIONAL EXPERIENCE

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<b>Samsung Research America</b> Research Intern, part-time	2019 - 2020
<b>Samsung Research America</b> Machine Learning Research Engineer	2018 - 2019
<b>Princeton Neuroscience Institute</b> Research Engineer	2018
<b>Google</b> Software Engineering Intern	2017
<b>TapTools LLC</b> Founder, iOS Developer	2012 - 2016

## 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 & OTHER ACTIVITIES

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Stanford CS PhD Admissions Committee	2020 - 2022
ICLR, NeurIPS Meta-Learning Workshop Reviewer	2020
AI4ALL Summer Camp Instructor	2018
Princeton NCAA Division I Varsity Golf Team	2014 - 2018
HackPrinceton (1 <sup>st</sup> Place Team, Software)	2015
Guitar, Singing, Songwriting	