

ERIC ANTHONY MITCHELL

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EDUCATION

Stanford University PhD Student, Computer Science

Advised by Chelsea Finn & Chris Manning

Funding: Knight-Hennessy Scholars Graduate Fellowship

2019 - PRESENT

Stanford, CA

Princeton University B.S.E., Computer Science

Thesis advised by H Sebastian Seung

Highest Honors, Sigma Xi

2014 - 2018

Princeton, NJ

RESEARCH *INDICATES CO-FIRST AUTHORSHIP

Eric A Mitchell, Rafael Rafailov, Xue Bin Peng, Sergey Levine, and Chelsea Finn. Offline Meta-Reinforcement Learning with Advantage Weighting. *Under review by the 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 (AAAI) 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 (AAAI)*. 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/RSJ 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

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

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 & OTHER ACTIVITIES

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 st Place Team, Software)	2015
Guitar, Singing, Songwriting	