

# Eric Anthony Mitchell

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## EDUCATION

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<b>Stanford University</b> , Stanford, CA Ph.D. in Computer Science Advisors: Chelsea Finn & Christopher D. Manning	2019 - PRESENT
<b>Princeton University</b> , Princeton, NJ B.S.E., Computer Science (Highest Honors) Advisor: H. Sebastian Seung	2014 - 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

## SELECTED PUBLICATIONS & PREPRINTS

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<b>Eric Mitchell</b> , Charles Lin, Antoine Bosselut, Chelsea Finn, Christopher D. Manning. Fast Model Editing at Scale. <i>Preprint, under review.</i>	2021
Suraj Nair, <b>Eric Mitchell</b> , Kevin Chen, Brian Ichter, Silvio Savarese, Chelsea Finn. Learning Language-Conditioned Robot Behavior from Offline Data and Crowd-Sourced Annotation. <i>Conference on Robot Learning (CORL).</i>	2021
Rishi Bommasani et al. On the Risks and Opportunities of Foundation Models. <i>Whitepaper, Center for Research on Foundation Models.</i>	2021
<b>Eric Mitchell</b> , Rafael Rafailov, Xue Bin Peng, Sergey Levine, and Chelsea Finn. Offline Meta-Reinforcement Learning with Advantage Weighting. <i>International Conference on Machine Learning (ICML).</i>	2021
Riley Simmons-Eidler, Ben Eisner, Daniel Yang, Anthony Bisulco, <b>Eric Mitchell</b> , H. Sebastian Seung, Daniel D Lee. Reward Prediction Error as an Exploration Objective in Deep RL. <i>International Joint Conference on Artificial Intelligence (IJCAI).</i>	2020
<b>Eric Mitchell</b> , 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*, <b>Eric Mitchell*</b> , 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. <i>IEEE International Conference on Intelligent Robots and Systems (IROS).</i>	2019
Riley Simmons-Eidler*, Ben Eisner*, <b>Eric Mitchell*</b> , 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
<b>Eric Mitchell</b> , Stefan Keselj, Sergiy Popovych, Davit Buniatyan, H. Sebastian Seung. Siamese Encoding and Alignment by Multiscale Learning with Self-supervision. <i>Undergraduate Thesis.</i>	2018

## 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
AI4ALL Summer Camp Instructor	2018

## OTHER ACTIVITIES

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