

Education	Massachusetts Institute of Technology Ph.D. in Electrical Engineering and Computer Science MIT Presidential fellowship	September 2017 - Present GPA: 5.00/5.00
	University of California, Berkeley B.S. in Electrical Engineering and Computer Science Graduated with Highest Honors (top 3%)	August 2013 - May 2017 GPA: 3.95/4.00
Experience	Improbable AI Lab (Adviser: Pulkit Agarwal) <ul style="list-style-type: none">Working on learning composable skills for solving long horizon tasks in environments with sparse rewards	September 2019 - Present
	Learning and Intelligent Systems Group (Advisers: Leslie Kaelbling and Josh Tenenbaum) <ul style="list-style-type: none">Worked on leveraging physics engine for dynamics model learning and controlWorked on curiosity driven exploration for reinforcement learning in environment with sparse rewards	September 2017 - September 2019
	Berkeley Artificial Intelligence Research Lab (Advisers: Pieter Abbeel and Sergey Levine) <ul style="list-style-type: none">Worked on deep learning for state estimationDeveloped model-based sample efficient reinforcement learning algorithm	October 2014 - May 2017
Publications	Long-Horizon Prediction and Uncertainty Propagation with Residual Point Contact Learners Nima Fazeli, Anurag Ajay , Alberto Rodriguez. Submitted to the IEEE International Conference on Robotics and Automation (ICRA), Paris, France, May 2020.	
	Learning to Navigate Endoscopic Capsule Robots Mehmet Turan, Yasin Almalioglu, Hunter B Gilbert, Faisal Mahmood, Nicholas J Durr, Helder Araujo, Alp Eren Sar, Anurag Ajay , Metin Sitti. Robotics and Automation Letters (RA-L), 2019.	
	Combining Physical Simulators and Object-Based Networks for Control Anurag Ajay , Maria Bauza, Jiajun Wu, Nima Fazeli, Joshua B. Tenenbaum, Alberto Rodriguez, Leslie P. Kaelbling. IEEE International Conference on Robotics and Automation (ICRA), Montreal, Canada, May 2019.	
	Augmenting Physical Simulators with Stochastic Neural Networks: Case Study of Planar Pushing and Bouncing Anurag Ajay , Jiajun Wu, Nima Fazeli, Maria Bauza, Leslie P. Kaelbling, Joshua B. Tenenbaum, Alberto Rodriguez. IEEE International Conference on Intelligent Robots and Systems (IROS), Madrid, Spain, October 2018. Best Paper for Cognitive Robotics	
	Reset-Free Guided Policy Search: Efficient Deep Reinforcement Learning with Stochastic Initial States Anurag Ajay* , William Montgomery*, Chelsea Finn, Pieter Abbeel, Sergey Levine. IEEE International Conference on Robotics and Automation (ICRA), Singapore, May 2017.	
	Backprop KF: Learning Discriminative Deterministic State Estimators Tuomas Haarnoja, Anurag Ajay , Sergey Levine, Pieter Abbeel. Neural Information Processing Systems (NIPS), Barcelona, Spain, December 2016.	
Technical Skills	Python, Matlab, ROS, Theno, Caffe, Tensorflow, Pytorch, Spark, Java	