

Chelsea Finn

Stanford Computer Science Department
353 Jane Stanford Way
Stanford, CA 94305
cbfinn@cs.stanford.edu
ai.stanford.edu/~cbfinn

Current Positions

Stanford University, Computer Science Department, Assistant Professor 2019 – present
Google, Inc., Brain Team, Research Scientist 2018 – present

Education

University of California, Berkeley, PhD 2014 – 2018
Thesis: *"Learning to Learn with Gradients"*.
Advisors: Pieter Abbeel, Sergey Levine
Department of Electrical Engineering and Computer Science

Massachusetts Institute of Technology, Bachelor of Science 2010 – 2014
Electrical Engineering and Computer Science

Honors and Awards

ACM Doctoral Dissertation Award 2019
Awarded to the best doctoral dissertation in computer science and engineering, worldwide

MIT TR35 Innovator Award 2018
Awarded to 35 innovators under 35 worldwide

Rising Stars in EECS 2017
Awarded to 70 EECS graduate and postdoctoral women

C.V. Ramamoorthy Distinguished Research Award 2017
For outstanding contributions to a new research area in computer science and engineering

ICRA Best Cognitive Robotics Paper Finalist 2017
For the paper *"Deep Visual Foresight for Planning Robot Motion"*

Tong Leong Lim Pre-Doctoral Prize 2016
For achieving the highest distinction in the pre-doctoral examination

Computing Community Consortium (CCC) Blue Sky Ideas Award 2015
For the paper *"End-to-End Training of Deep Visuomotor Policies"*

National Science Foundation Graduate Research Fellowship 2015-2018

National Defense Science and Engineering Graduate Fellowship (*declined*) 2015

IEEE-HKN Alton B. Zerby and Carl T. Koerner Outstanding Student Award 2015
Awarded annually to one undergraduate student in the United States

SanDisk Fellowship 2015

UC Berkeley EECS Department Fellowship 2014

MIT SuperUROP Outstanding Research Presentation Award 2014
"Real-time Text Detection in Human Scenes"

Teaching

Instructor

Stanford CS330: Deep Multi-Task and Meta Learning Fall 2019

Berkeley CS294-112: Deep Reinforcement Learning Spring 2017

Teaching Assistant

Berkeley CS188 Introduction to Artificial Intelligence Spring 2015

MIT 6.008 Introduction to Inference Spring 2014

MIT 6.141 Robotics: Science and Systems I Spring 2014

MIT 6.02 Digital Communication Systems Spring 2014

Invited Guest Lectures & Tutorials

Tutorial on Meta-Learning: from Few-Shot Learning to Rapid Reinforcement Learning Summer 2019
at the International Conference on Machine Learning (ICML).
at the Conference on Computer Vision and Pattern Recognition (CVPR).

Tutorial on Deep Visuomotor Learning Summer 2019
in Computational Vision Summer School, Freudenstadt.

Meta Reinforcement Learning Winter 2019
in CS234: Reinforcement Learning, Stanford.

Meta Reinforcement Learning Fall 2018
in CS332: Advanced Topics in Reinforcement Learning, Stanford.
in CS294: Deep Reinforcement Learning, UC Berkeley.

Tutorial on Deep Visuomotor Learning Summer 2018
in International Computer Vision Summer School, Sicily.

Learning to Learn Spring 2018
in CS294-129: Designing, Visualizing and Understanding Deep Neural Networks
Berkeley.

Advanced Model-based Reinforcement Learning Fall 2017
in CS294-112: Deep Reinforcement Learning, Berkeley.

Model-based Reinforcement Learning Fall 2017
in Deep Reinforcement Learning Bootcamp, Berkeley.

Inverse Reinforcement Learning Fall 2017
in Deep Reinforcement Learning Bootcamp, Berkeley.

Tutorial on Deep Reinforcement Learning, Decision Making, and Control Summer 2017
at the International Conference on Machine Learning (ICML).

Deep Visuomotor Learning Spring 2017
in CS280: Computer Vision, Berkeley.

Soft Optimality and Inverse Reinforcement Learning Spring 2017
in CS234: Reinforcement Learning, Stanford.

Deep Visuomotor Learning
in CS280: Computer Vision, Berkeley.

Spring 2016

Guided Policy Search Methods
in CS294: Deep Reinforcement Learning, Berkeley.

Fall 2015

Selected Invited Talks

Flexible Neural Networks and the Frontiers of Meta-Learning.

Simons Institute Workshop on Emerging Challenges in Deep Learning. August 2019.

Reinforcement Learning for Robots.

The Multi-Disciplinary Conference on Reinforcement Learning and Decision Making (RLDM). July 2019.

Learning to Adapt to Dynamic, Real-World Environments.

RSS Workshop on Simulation to Real-World Transfer. June 2019.

Learning Compound Tasks through Interaction and Observation.

RSS Workshop on Task-Informed Grapng. June 2019.

Learning Models of the World and its Intentions.

CVPR Workshop on Vision Meets Cognition. June 2019.

A Practical View on Generalization and Autonomy in the Real World.

ICML Workshop on Understanding and Improving Generalization in Deep Learning. June 2019.

ICML Workshop on AI for Autonomous Driving. June 2019.

Complexity without Losing Generality: The Role of Supervision and Composition.

ICML Workshop on Generative Modeling and Model-Based Reasoning for Robotics and AI. June 2019.

Agents that Set Measurable Goals for Themselves.

ICML Workshop on Self-Supervised Learning. June 2019.

Meta-Learning: Challenges and Frontiers.

ICLR Workshop on Learning from Limited Data. May 2019.

CIFAR Learning in Machines and Brains Program Meeting. May 2019.

ICML Workshop on Multi-Task and Adaptive Learning. June 2019.

What can we learn from unlabeled interaction?

ICLR Workshop on Task-Agnostic Reinforcement Learning. May 2019

Versatility and Self-Supervision in Deep Robotic Learning.

University of Pennsylvania, GRASP Lab. May 2019

Meta-Learning Deep Networks. *Re-work Deep Learning Summit, San Francisco.* January 2019.

Meta-Learning across Time. *NeurIPS Workshop on Continual Learning.* December 2018.

An agent that can do many things (by modeling the world). *NeurIPS Workshop on Modeling the Physical World.* December 2018.

Learning Generalizable Models through Unsupervised Interaction. *NeurIPS Workshop on Modeling and Decision-Making in the Spatiotemporal Domain.* December 2018.

Model-Based Deep Reinforcement Learning Tutorial. *CIFAR Learning in Machines and Brains Program Meeting.* December 2018

Building Versatile Agents through Unsupervised Interaction.

Stanford Minds, Brains, and Computation (MBC) Colloquium. November 2018.

Stanford DAWN Seminar. November 2018

Robots that Excel in Diverse Environments. *Bay Area Robotics Symposium.* November 2018

Building Unsupervised, Versatile Agents with Meta Learning.

University of Washington Robotics Colloquium. October 2018.

Allen Institute for Artificial Intelligence. October 2018.

OpenAI. November 2018.

Meta-Learning Frontiers: Universal, Uncertain, and Unsupervised. *Google DeepMind.* July 2018.

Properties of Good Meta-Learning Algorithms (And How to Achieve Them). *ICML AutoML Workshop.*

July 2018.

Meta-Learning for Goal Inference, Imitation, and Planning. *RSS Workshop on Learning from*

Demonstrations for High-Level Tasks. June 2018.

Efficiency through Learning to Learn. *Clarifai.* April 2018.

Generalization and Self-Supervision in Deep Robotic Learning.

Toyota Technical Institute in Chicago (TTIC). February 2018.

Stanford University. March 2018.

MIT. March 2018.

Google. April 2018.

Learning Versatile Behavior and Reusable Models through Real-World Interaction. *Caltech Young*

Investigator Lecture. February 2018.

Model-Agnostic Meta-Learning: Universality, Inductive Bias, and Weak Supervision. *NIPS Workshop*

on Meta-Learning. December 2017.

Deep Predictive Learning for Acquiring Vision-Based Skills. *ICML Workshop on Reinforcement Learning.*

August 2017.

Learning Representations for Versatile Behavior. *RSS Workshop on New Frontiers for Deep Learning in*

Robotics. July 2017.

Learning through Interaction: Generalization in Robot Reinforcement Learning.

Symposium on Robot Learning, Berkeley, CA. May 2017.

MIT. April 2017.

Stanford University. March 2017.

End-to-End Deep Robotic Learning. *Re-work Deep Learning Summit, San Francisco.* January 2017.

Guided Cost Learning and Connections to Generative Adversarial Modeling. *NIPS Deep Learning*

Symposium. December 2016.

Large Scale Self-Supervised Robotic Learning.

NIPS Deep Reinforcement Learning Workshop. December 2016.

NIPS Neurorobotics Workshop. December 2016.

Robotic Visuomotor Learning. *3DV Tutorial: Workshop on Understanding 3D and Visuomotor Learning.*

October 2016.

Learning Visuomotor Skills.

OpenAI. March 2016.

Google DeepMind. May 2016.

Robotic Visuomotor Learning. *Redwood Center for Theoretical Neuroscience*. November 2015.

End-to-End Training of Deep Visuomotor Policies. *Google, Inc.*. March 2015.

Journal and Conference Publications

[46] Tianhe Yu*, Deirdre Quillen*, Zhanpeng He, Ryan Julian, Karol Hausman, **Chelsea Finn**, Sergey Levine. Meta-World: A Benchmark and Evaluation for Multi-Task and Meta Reinforcement Learning. *Conference on Robot Learning (CoRL)*. 2019.

[45] Sudeep Dasari, Frederik Ebert, Stephen Tian, Suraj Nair, Bernadette Bucher, Karl Schmeckpeper, Siddharth Singh, Sergey Levine, **Chelsea Finn**. RoboNet: Large-Scale Multi-Robot Learning. *Conference on Robot Learning (CoRL)*. 2019.

[44] John Co-Reyes, Rishi Veerapaneni, Michael Chang, Michael Janner, **Chelsea Finn**, Jiajun Wu, Josh Tenenbaum, Sergey Levine. Entity Abstraction in Visual Model-Based Reinforcement Learning. *Conference on Robot Learning (CoRL)*. 2019.

[43] Allan Jabri, Kyle Hsu, Ben Eysenbach, Abhishek Gupta, Sergey Levine, **Chelsea Finn**. Unsupervised Curricula for Visual Meta-Reinforcement Learning. *Neural Information Processing Systems (NeurIPS)*. 2019.

[42] Russell Mendonca, Abhishek Gupta, Rosen Kravev, Pieter Abbeel, Sergey Levine, **Chelsea Finn**. Guided Meta Policy Search. *Neural Information Processing Systems (NeurIPS)*. 2019.

[41] Yiding Jiang, Shixiang Gu, Kevin Murphy, **Chelsea Finn**. Language as an Abstraction for Hierarchical Reinforcement Learning. *Neural Information Processing Systems (NeurIPS)*. 2019.

[40] Aravind Rajeswaran*, **Chelsea Finn***, Sham Kakade, Sergey Levine. Meta-Learning with Implicit Gradients. *Neural Information Processing Systems (NeurIPS)*. 2019.

[39] Lantao Yu, Tianhe Yu, **Chelsea Finn**, Stefano Ermon. Meta-Inverse Reinforcement Learning with Probabilistic Context Variables. *Neural Information Processing Systems (NeurIPS)*. 2019.

[38] Tianhe Yu, Gleb Shevchuk, Dorsa Sadigh, **Chelsea Finn**. Unsupervised Visuomotor Control via Distributional Planning Networks. *Robotics: Science and Systems (RSS)*. 2019.

[37] Annie Xie, Frederik Ebert, Sergey Levine, **Chelsea Finn**. Improvisation through Physical Understanding: Using Novel Objects as Tools with Visual Foresight. *Robotics: Science and Systems (RSS)*. 2019.

[36] Avi Singh, Larry Yang, Kristian Hartikainen, **Chelsea Finn**, Sergey Levine. End-to-End Robotic Reinforcement Learning without Reward Engineering. *Robotics: Science and Systems (RSS)*. 2019.

[35] **Chelsea Finn***, Aravind Rajeswaran*, Sham Kakade, Sergey Levine. Online Meta-Learning. *International Conference on Machine Learning (ICML)*. 2019.

[34] Kate Rakelly*, Aurick Zhou*, Deirdre Quillen, **Chelsea Finn**, Sergey Levine. Efficient Off-Policy Meta-Reinforcement Learning via Probabilistic Context Variables. *International Conference on Machine Learning (ICML)*. 2019.

- [33] Kelvin Xu, Ellis Ratner, Anca Dragan, Sergey Levine, **Chelsea Finn**. Learning a Prior over Intent via Meta-Inverse Reinforcement Learning. *International Conference on Machine Learning (ICML)*. 2019.
- [32] Stephen Tian*, Frederik Ebert*, Dinesh Jayaraman, Mayur Mudigonda, **Chelsea Finn**, Roberto Calandra, Sergey Levine. Manipulation by Feel: Touch-Based Control with Deep Predictive Models. *International Conference on Robotics and Automation (ICRA)*. 2019.
- [31] Yuxiang Yang, Ken Caluwaerts, Atil Iscen, Jie Tan, **Chelsea Finn**. NoRML: No-Reward Meta Learning. *International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*. 2019.
- [30] Michael Janner, Sergey Levine, Bill Freeman, Josh Tenenbaum, **Chelsea Finn**, Jiajun Wu. Reasoning About Physical Interactions with Object-Oriented Prediction and Planning. *International Conference on Learning Representations (ICLR)*. 2019.
- [29] Anusha Nagabandi, **Chelsea Finn**, Sergey Levine. Deep Online Learning Via Meta-Learning: Continual Adaptation for Model-Based RL. *International Conference on Learning Representations (ICLR)*. 2019.
- [28] Kyle Hsu, Sergey Levine, **Chelsea Finn**. Unsupervised Learning via Meta-Learning. *International Conference on Learning Representations (ICLR)*. 2019.
- [27] Anusha Nagabandi*, Ignasi Clavera*, Simin Liu Ronald S. Fearing, Pieter Abbeel, Sergey Levine, **Chelsea Finn**. Learning to Adapt in Dynamic, Real-World Environments Through Meta-Reinforcement Learning. *International Conference on Learning Representations (ICLR)*. 2019.
- [26] **Chelsea Finn***, Kelvin Xu*, Sergey Levine. Probabilistic Model-Agnostic Meta-Learning. *Neural Information Processing Systems (NIPS)*. 2018.
- [25] Annie Xie, Avi Singh, Sergey Levine, **Chelsea Finn**. Few-shot Goal Inference for Visuomotor Learning and Planning. *Conference on Robot Learning (CoRL)*. 2018.
- [24] Frederik Ebert, Sudeep Dasari, Alex Lee, Sergey Levine, **Chelsea Finn**. Robustness via Retrying: Closed-Loop Robotic Manipulation with Self-Supervised Learning. *Conference on Robot Learning (CoRL)*. 2018.
- [23] Aravind Srinivas, Allan Jabri, Pieter Abbeel, Sergey Levine, **Chelsea Finn**. Universal Planning Networks. *International Conference on Machine Learning (ICML)*. 2018.
- [22] Tianhe Yu*, **Chelsea Finn***, Annie Xie, Sudeep Dasari, Pieter Abbeel, Sergey Levine. One-Shot Imitation from Observing Humans via Domain-Adaptive Meta-Learning. *Robotics: Science and Systems (RSS)*. 2018.
- [21] Deirdre Quillen, Eric Jang, Ofir Nachum, **Chelsea Finn**, Julian Ibarz, Sergey Levine. Deep Reinforcement Learning for Vision-Based Robotic Grasping: A Simulated Comparative Evaluation of Off-Policy Methods. *International Conference on Robotics and Automation (ICRA)*. 2018.
- [20] **Chelsea Finn**, Sergey Levine. Meta-Learning and Universality: Deep Representations and Gradient Descent can Approximate any Learning Algorithm. *International Conference on Learning Representations (ICLR)*. 2018.
- [19] Erin Grant, **Chelsea Finn**, Sergey Levine, Trevor Darrell, Tom Griffiths. Recasting Gradient-Based Meta-Learning as Hierarchical Bayes. *International Conference on Learning Representations (ICLR)*. 2018.
- [18] Mohammad Babaeizadeh, **Chelsea Finn**, Dumitru Erhan, Roy H. Campbell, Sergey Levine. Stochastic

Variational Video Prediction. *International Conference on Learning Representations (ICLR)*. 2018.

[17] **Chelsea Finn***, Tianhe Yu*, Tianhao Zhang, Pieter Abbeel, Sergey Levine. One-Shot Visual Imitation Learning via Meta-Learning. *Conference on Robot Learning (CoRL)*. 2017.

[16] Frederik Ebert, **Chelsea Finn**, Alex Lee, Sergey Levine. Self-Supervised Visual Planning with Temporal Skip-Connections. *Conference on Robot Learning (CoRL)*. 2017.

[15] **Chelsea Finn**, Pieter Abbeel, Sergey Levine. Model-Agnostic Meta-Learning for Fast Adaptation of Deep Networks. *International Conference on Machine Learning (ICML)*. 2017.

[14] **Chelsea Finn**, Tianhe Yu, Justin Fu, Pieter Abbeel, Sergey Levine. Generalizing Skills with Semi-Supervised Reinforcement Learning. *International Conference on Learning Representations (ICLR)*. 2017.

[13] **Chelsea Finn**, Sergey Levine. Deep Visual Foresight for Planning Robot Motion. *International Conference on Robotics and Automation (ICRA)*. 2017.

[12] William Montgomery*, Anurag Ajay*, **Chelsea Finn**, Pieter Abbeel, Sergey Levine. Reset-Free Guided Policy Search: Efficient Deep Reinforcement Learning with Stochastic Initial States. *International Conference on Robotics and Automation (ICRA)*. 2017.

[11] **Chelsea Finn**, Ian Goodfellow, Sergey Levine. Unsupervised Learning for Physical Interaction through Video Prediction. *Neural Information Processing Systems (NIPS)*. 2016.

[10] Eric Tzeng, Coline Devin, Judy Hoffman, **Chelsea Finn**, Pieter Abbeel, Sergey Levine, Kate Saenko and Trevor Darrell. Adapting Deep Visuomotor Representations with Weak Pairwise Constraints. *Workshop on the Algorithmic Foundations of Robotics (WAFR)*. 2016.

[9] **Chelsea Finn**, Sergey Levine, Pieter Abbeel. Guided Cost Learning: Deep Inverse Optimal Control via Policy Optimization. *International Conference on Machine Learning (ICML)*. 2016.

[8] **Chelsea Finn**, Xin Yu Tan, Yan Duan, Trevor Darrell, Sergey Levine, Pieter Abbeel. Deep Spatial Autoencoders for Visuomotor Learning. *International Conference on Robotics and Automation (ICRA)*. 2016.

[7] Marvin Zhang, Zoe McCarthy, **Chelsea Finn**, Sergey Levine, Pieter Abbeel. Learning Deep Neural Network Policies with Continuous Memory States. *International Conference on Robotics and Automation (ICRA)*. 2016.

[6] Sergey Levine*, **Chelsea Finn***, Trevor Darrell, Pieter Abbeel. End-to-End Training of Deep Visuomotor Policies. *Journal of Machine Learning (JMLR)*. 2016.

[5] Hsueh-Cheng Wang, **Chelsea Finn**, Liam Paull, Michael Kaess, Ruth Rosenholtz, Seth Teller, John Leonard. Bridging text spotting and SLAM with junction features. *International Conference on Intelligent Robots and Systems (IROS)*. 2015.

[4] Dylan Hadfield-Menell, Alex Xavier Lee, **Chelsea Finn**, Eric Tzeng, Sandy Huang, Pieter Abbeel. Beyond Lowest-Warping Cost Action Selection in Trajectory Transfer. *International Conference on Robotics and Automation (ICRA)*. 2015.

[3] James Duyck, **Chelsea Finn**, Andy Hutcheon, Pablo Vera, Joaquin Salas, Sai Ravela. Sloop: A pattern retrieval engine for individual animal identification. *Pattern Recognition*. 2014.

[2] **Chelsea Finn**, James Duyck, Andy Hutcheon, Pablo Vera, Joaquin Salas, Sai Ravela. Relevance feedback in biometric retrieval of animal photographs. *Mexican Conference on Pattern Recognition (MCPR)*. 2014.

[1] Sai Ravela, James Duyck, **Chelsea Finn**. Vision-Based Biometrics for Conservation. *Mexican Conference on Pattern Recognition (MCPR)*. 2013.

Workshop Papers and Abstracts

Chelsea Finn, Pieter Abbeel, Sergey Levine. Lifelong Few-Shot Learning. *ICML Workshop on Lifelong Learning*. 2017.

Chelsea Finn*, Paul Christiano*, Pieter Abbeel, Sergey Levine. A Connection between Generative Adversarial Networks, Inverse Reinforcement Learning, and Energy-based Models. *NIPS Workshop on Adversarial Training*. 2016.

Mark Woodward, **Chelsea Finn**. Active One-Shot Learning. *NIPS Deep Reinforcement Learning Workshop*. 2016.

Chelsea Finn, Lisa Anne Hendricks, Trevor Darrell Learning Compact Convolutional Neural Networks with Nested Dropout. *International Conference on Learning Representations (ICLR) – Workshop Contribution*. 2015.

Advising

Undergraduate research:

Nopphon Sirinart (currently PhD student at Stanford)
Justin Fu (currently PhD student at UC Berkeley)
Marvin Zhang (currently PhD student at UC Berkeley)
Anurag Ajay (currently PhD student at MIT)
Tianhe Yu (currently PhD student at Stanford)
Emily Scharff
Xin Yu Tan
Annie Xie (currently PhD student at Stanford)
Sudeep Dasari (currently PhD student at CMU)
Kyle Hsu

Masters research:

Frederik Ebert (currently PhD student at UC Berkeley)

PhD research:

Frederik Ebert
Tianhe Yu
Suraj Nair
Allan Zhou

Independent research:

Mark Woodward (current Google AI resident)
Rosen Kralev

Outreach

AI Research Mentoring Program, Co-Organizer

2017-2019

Coordinating a research mentoring program for underrepresented undergraduates.
Grew the program to UC Berkeley, Stanford, and CMU

Berkeley AI & AI4ALL Camp, Co-Organizer Organized 5-day camp for underprivileged high-school students Free camp with hands-on introduction to CS and AI, aiming to increase diversity in AI.	2018
Berkeley AI & AI4ALL Camp, Co-Organizer Organized inaugural 2-day camp for 24 underprivileged high-school students Free camp with hands-on introduction to CS and AI, aiming to increase diversity in AI.	2017
Women in Machine Learning (WiML) ICML 2017 lunch mentor Co-organized WiML evening event at the Conference on Robot Learning NeurIPS 2018 mentor	2017-2018
UC Berkeley Women in EECS, Outreach Co-coordinator Organized events for minorities, with advice on pursuing research & grad school Organized day-long STEM exploration workshop for Girl Scouts.	2016-2017
UC Berkeley Women in EECS, Co-President	2015-2016
Career Panels and Talks at Minorities in STEM events Stanford-Berkeley Women in EECS Meet Up NASA When I Grow Up Career Exploration Event Graduate Pathways to STEM SWE Parent Education Outreach Program Pioneers in Engineering (PiE) Kick-Off Keynote at Girls Programming League (GPL)	2015-2019

Professional Activities

Area Chair:

Neural Information Processing Systems (NeurIPS) 2019
 Conference on Robot Learning (CoRL) 2019
 International Conference on Machine Learning (ICML) 2019
 International Conference on Learning Representations (ICLR) 2019, 2020
 Conference on Robot Learning (CoRL) 2018

Paper Reviewing:

Foundations and Trends in Machine Learning 2018
 ACM Siggraph 2018
 International Conference on Machine Learning (ICML) 2017, 2018
 International Conference on Learning Representations (ICLR) 2017, 2018
 Conference on Robot Learning (CoRL) 2017
 Communications of the ACM 2016
 Neural Information Processing Systems (NIPS) 2016, 2017, 2018
 International Journal of Robotics Research (IJRR) 2016, 2017
 Robotics: Science and Systems (RSS) 2016, 2019
 IEEE International Conference on Robotics and Automation (ICRA) 2016, 2017, 2018, 2019
 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) 2016, 2017, 2019
 IEEE Robotics and Automation Letters (RA-L) 2016, 2017, 2018, 2019

Workshop Organization:

Deep Reinforcement Learning Workshop, NeurIPS 2019

Workshop on Learning with Rich Experience, NeurIPS 2019

Workshop on Multi-Task and Lifelong Reinforcement Learning, ICML 2019

Workshop on Imitation, Intent, and Interaction, ICML 2019

Workshop on Structures and Priors in Reinforcement Learning, ICLR 2019

Workshop on Deep Learning for Action and Interaction, NIPS 2016

Selected Press Coverage

"Artificial Imagination: How machines could learn creativity and common sense, among other human qualities," by George Musser. Scientific American. May, 2019

"A Robot has Figured Out How to Use Tools," by Will Knight. MIT Technology Review. 11 April 2019

"The Robots are Here: All they need is a brain," by Daniel Cossins. NewScientist. 2 February 2019

"Don't Just Lecture Robots – Make Them Learn," by Matt Simon. Wired. 9 July, 2018

"Robot learns by playing and imagines its own future," by Jonathan Bloom. ABC 7 News. 18 December, 2017.

"Researchers train robots to see into the future," by John Biggs. TechCrunch. 8 December, 2017.

"Building A.I. That Can Build A.I.," by Cade Metz. The New York Times. 5 November 2017.

"The Education of Brett the Robot," by Matt Simon. Wired. 21 September 2017.

"Google Builds a Robotic Hive-Mind Kindergarten," by Will Knight. MIT Technology Review. 3 October 2016

"This Preschool is for Robots," by Jack Clark. Bloomberg Business. 2 September 2015.

"Robot Demonstrates Human-Like Learning Abilities," by Jonathan Bloom. ABC 7 News. 22 May 2015.

"Deep Learning Robots, DRC Practice, and Drone Pilot Competition," by Evan Ackerman. IEEE Spectrum. 22 May 2015.

"New approach trains robots to match human dexterity and speed," by John Markoff. The New York Times. 21 May 2015.