

Education

University of Chicago

BA in Mathematics (Honors)

Chicago, IL
September 2010- June 2014

University of California, Berkeley

Ph.D in Statistics

Berkeley, CA
August 2014-August 2018

Publications

Incentivizing Exploration In Reinforcement Learning With Deep Predictive Models.

Bradly C. Stadie, Sergey Levine, Pieter Abbeel

NIPS 2015 Workshop on Deep Reinforcement Learning

arXiv: <https://arxiv.org/pdf/1507.00814.pdf>

Third-Person Imitation Learning

Bradly C. Stadie, Pieter Abbeel, Ilya Sutskever

In the proceedings of the International Conference on Learning Representations (ICLR), Toulon, France, April 2017

arxiv: <https://arxiv.org/pdf/1703.01703.pdf>

One-Shot Imitation Learning

Yan (Rocky) Duan, Marcin Andrychowicz, Bradly C. Stadie, Jonathan Ho, Jonas Schneider, Ilya Sutskever, Pieter Abbeel, Wojciech Zaremba.

In Neural Information Processing Systems (NIPS), Long Beach, California, December 2017.

arXiv: <https://arxiv.org/pdf/1703.07326.pdf>

Simulating the Stochastic Dynamics and Cascade Failure of Power Networks

Charles Matthews, Bradly C. Stadie, Jonathan Weare, Mihai Anitescu, Christopher Demarco

Submitted IEEE Transactions on Power Systems.

arXiv: <https://arxiv.org/pdf/1806.02420.pdf>

Some Considerations on Learning to Explore via Meta-Reinforcement Learning

Bradly C. Stadie, Ge Yang, Rein Houthooft, Xi Chen, Yan Duan, Yuhuai Wu, Pieter Abbeel, Ilya Sutskever

In Neural Information Processing Systems (NIPS), Montreal, Canada, December 2018.

arxiv: <https://arxiv.org/pdf/1803.01118.pdf>

Evolved Policy Gradients

Rein Houthooft, Richard Y. Chen, Phillip Isola, Bradly C. Stadie, Filip Wolski, Jonathan Ho, Pieter Abbeel

In Neural Information Processing Systems (NIPS), Montreal, Canada, December 2018.

arxiv: <https://arxiv.org/pdf/1802.04821.pdf>

Transfer Learning for Estimating Causal Effects using Neural Networks.

Bradly C. Stadie, Soeren R. Kuenzel, Nikita Vemuri, Varsha Ramakrishnan, Jasjeet S. Sekhon, Pieter Abbeel

Submitted to ICLR 2019.

arXiv: <https://arxiv.org/pdf/1808.07804.pdf>

Estimating Causal Effects Using Neural Networks with the Y-Learner

Bradly C. Stadie, Soeren R. Kuenzel, Nikita Vemuri, Jasjeet S. Sekhon

<https://openreview.net/pdf?id=ryxnDoRcK7>

Employment

Vector Institute

Postdoctoral Scholar

Toronto, Canada

August 2018 - Present

- Postdoctoral researcher at the Vector Institute at the University of Toronto
- Advised by Jimmy Ba

Open AI

Research Scientist

San Francisco, USA

March 2016 - November 2017

- Full time research scientist at Open AI
- Advised by Ilya Sutskever

AI Expert at Y Combinator

Part-time Partner

San Francisco, USA

January 2017 - January 2018

- Advised Y Combinator on the latest trends in AI
- Advised over 50 startups on AI and ML problems

Young Scholars Program/SESAME

Counselor

Chicago, USA

June 2011 - May 2013

- Taught Chicagoland high school students and CPS teachers mathematics
- Full time during summers. Every Saturday and Sunday during school year.
- Was head counselor from June 2012-May 2013.

Awards

- **Chancellors Fellowship:** Fellowship given to top entering graduate students in the UC system.

Teaching

- **Statistics 133: Concepts in Computing with Data.** Graduate Student Instructor. *Jan-May 2015*
- **Statistics 088: Introduction to Data Science.** Graduate Student Instructor. *Jan-May 2016*