Nate Gruver

nvg7279@nyu.edu nategruver.com

EXPERIENCE

Research Intern, Waymo, Summer 2020
Behavior modeling for planning and control.

Machine Learning Intern, Apple Inc., Winter 2020
Natural language processing. Details under NDA.

SWE Intern, Google, Fall 2019
Optimizing performance of the Linux kernel virtual machine with reinforcement learning.

Graduate Researcher, Stanford University, 2018-2019
Machine learning projects with

- Stefano Ermon: generative modeling and reinforcement learning
- Mykel Kochenderfer: probabilistic planning
- Chris Piech: modeling for education

Course Assistant, Stanford University, 2019
Teaching sections for

- CS228 (Probabilistic Graphical Models)
- CS109 (Introduction to Probability)

EDUCATION

PhD, Computer Science, 2020-25
Courant Institute of Mathematical Sciences
Machine learning. Advised by Andrew Gordon Wilson and Kyunghyun Cho.

MS Computer Science, 2018-20
Stanford University
ML/AI track: statistical inference, deep learning, reinforcement learning.

BS Computer Science, 2014-18
Stanford University
Systems track: operating systems, databases, compilers

PUBLICATIONS

‡ **Gruver N**, Song J, Ermon S. *Multi-agent Adversarial Inverse Reinforcement Learning with Latent Variables*. AAMAS (2020).

‡ Choudhary S*, **Gruver N***, Kochenderfer M. Adaptive Informative Path Planning with Multimodal Sensing. ICAPS 2020.

‡ **Gruver N**, Malik M, Capoor B, Piech C, Stevens M, Paepcke A. *Using Latent Variable Models to Observe Academic Pathways*. EDM (2019).

PERSONAL

Founder and President, Cru Cooking Team, 2015-2018

Stanford Men's Ultimate Frisbee Team, 2014-2015/2017-2018