

Fahim Tajwar

Website: <https://tajwarfahim.github.io/> Email: ftajwar@cs.cmu.edu

EDUCATION

Carnegie Mellon University

Doctor of Philosophy (PhD), Machine Learning
Advisor: Ruslan Salakhutdinov & Jeff Schneider

Pittsburgh, PA

2023 – Current

Stanford University

Master of Science (MS), Computer Science (AI/ML)
Bachelor of Science (BS) with Distinction, Mathematics

Stanford, CA

2022 -- 2023

2017 -- 2022

PUBLICATIONS (* Equal Contribution)

Offline Retraining for Online RL: Decoupled Policy Learning to Mitigate Exploration Bias

Max Sobol Mark*, Archit Sharma*, Fahim Tajwar, Rafael Rafailov, Sergey Levine, Chelsea Finn
Under review, 2023

2023

Conservative Prediction via Data-Driven Confidence Minimization

Caroline Choi*, Fahim Tajwar*, Yoonho Lee*, Huaxiu Yao, Ananya Kumar, Chelsea Finn
Under review, 2023

2023

Surgical Fine-Tuning Improves Adaptation to Distribution Shifts

Yoonho Lee*, Annie S Chen*, Fahim Tajwar, Ananya Kumar, Huaxiu Yao, Percy Liang, Chelsea Finn
International Conference on Learning Representations (ICLR), 2023

2023

When to Ask for Help: Proactive Interventions in Autonomous Reinforcement Learning

Annie Xie*, Fahim Tajwar*, Archit Sharma*, Chelsea Finn
Conference on Neural Information Processing Systems (NeurIPS), 2022

2022

Do Deep Networks Transfer Invariances Across Classes?

Allan Zhou*, Fahim Tajwar*, Alexander Robey, Tom Knowles, George J. Pappas, Hamed Hassani, Chelsea Finn
International Conference on Learning Representations (ICLR), 2022

2022

No True State-of-the-Art? OOD Detection Methods are Inconsistent across Datasets

Fahim Tajwar, Ananya Kumar*, Sang Michael Xie*, Percy Liang
ICML Workshop on Uncertainty & Robustness in Deep Learning (UDL), 2021

2021

Scalable deep learning to identify brick kilns and aid regulatory capacity

Jihyeon Lee*, Nina R. Brooks*, Fahim Tajwar, Marshall Burke, Stefano Ermon, David B. Lobell, Debashish Biswas, Stephen P. Luby
Proceedings of the National Academy of Sciences, Apr 2021, 118 (17)

2021

INDUSTRY EXPERIENCE

Software Engineer Intern, Meta Platforms

June 2022 – September 2022

Software Engineer Intern, Cadence Design Systems

June 2020 – September 2020

AWARDS

University Distinction, top 15% of the graduating class, Stanford University
Bronze Medal, 48th International Physics Olympiad, Indonesia
Bronze Medal, 47th International Physics Olympiad, Switzerland Liechtenstein

2022

2017

2016

SERVICE

- Reviewer, Conference on Neural Information Processing Systems (NeurIPS) (**Top Reviewer, 2023**)
- Reviewer, International Conference on Learning Representations (ICLR)
- Reviewer, International Conference on Machine Learning (ICML)
- Reviewer, The IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)

2023

2024

2024

2024