Ying Fan

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EDUCATION

Department of Computer Sciences, UW-Madison   Madison, WI, USA
PhD Student, GPA: 3.9/4.0   Sep 2019 – Present
Advisor: Kangwook Lee

Yuanpei College, Data Science Major, Peking University   Beijing, China
Bachelor of Science, Overall GPA: 3.6/4.0; Major GPA: 3.8/4.0   Sep 2015 – Jul 2019

PAPERS

Yifei Ming*, **Ying Fan*** and Yixuan Li. POEM: Out-of-distribution Detection with Posterior Sampling (* equal contribution)
ICML 2022 with long talk (~2%) pdf talk code

Ying Fan, Yifei Ming. Model-based Reinforcement Learning for Continuous Control with Posterior Sampling
ICML 2021 with long talk (~3%), pdf talk code

Dohyun Kwon, **Ying Fan**, Kangwook Lee. Score-based Generative Modeling Secretly Minimizes the Wasserstein Distance (Under review)

Ying Fan, Yixuan Li. Detection of Out-of-distribution States in Deep Q Learning Deployment (Under review)

Ying Fan, Letian Chen and Yizhou Wang. Efficient Model-Free Reinforcement Learning Using Gaussian Process preprint

WORK EXPERIENCES

Research Intern, Microsoft Research in Redmond   Jun 2022 – Aug 2022
Mentor: Ching-An Cheng

HONORS & AWARDS

Research assistantship from Institute of Foundations of Data Science, UW-Madison
Founder Scholarship, Peking University (top 5%)
Award for Academic Excellence, Peking University (top 5%)
Third Prize of the 25th Challenge Cup Science Competition, Peking University

SKILLS & QULIFICATIONS

Python, Latex, R, MATLAB, C/C++
Chinese Lute, Level 9 in Central Conservatory of Music (highest)