

Ying Fan

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EDUCATION

Department of Computer Sciences, UW-Madison

PhD Student, GPA: 3.9/4.0

Advisor: Kangwook Lee

Madison, WI, USA

Sep 2019 – Present

Yuanpei College, Data Science Major, Peking University

Bachelor of Science, Overall GPA: 3.6/4.0; Major GPA: 3.8/4.0

Beijing, China

Sep 2015 – Jul 2019

PAPERS

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

NeurIPS 2022

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](#)

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

Mentor: Ching-An Cheng

Jun 2022 – Aug 2022

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 & QUALIFICATIONS

Python, Latex, R, MATLAB, C/C++

Chinese Lute, Level 9 in Central Conservatory of Music