

I am looking for three highly motivated and self-driven Ph.D. students, who are interested in

- (1) Deep learning theory, especially representation and generalization of deep neural networks.
- (2) Deep reinforcement learning, especially under multi-agent and adversarial settings.
- (3) Natural language understanding, especially pre-trained language models, weak supervision and efficient training of neural language models.

Prospective students should have an excellent background in computer science, electrical engineering, mathematics, physics, statistics, or other related fields. Coding skills, as well as related experiences are desirable. Most important is a strong enthusiasm in the cutting-edge research of machine learning.

My recent research projects cover a wide range of topics, including deep learning theory, nonconvex stochastic optimization, computational optimal transport, reinforcement learning and natural language understanding. More details can be found at my webpage

<http://www2.isye.gatech.edu/~tzhao80/>.

My contacting email is tourzhao@gatech.edu.