DUOHAN ZHANG

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SHORT BIO

Duohan Zhang is currently a master student of data science and statistics in Department of Statistics, University of Wisconsin Madison. He is very fortunate to work on an off-policy reinforcement learning(RL) project with Professor Josiah Hanna. Prior to that, he was a bachelor student in University of Science and Technology of China, majoring in statistics.

EDUCATION

University of Wisconsin Madison   *Madison, Wisconsin*
Department of Statistics, master in Data Science   *2021/9 - 2023/5*
GPA: 3.82/4.0

University of Science and Technology of China   *Hefei, China*
Department of Statistics, bachelor in statistics   *2018/9 - 2022/6*

Courses related to my research interests:
Statistical Learning: (100/100); Theory of Probability I: (94/100), a PhD level course; Theory of Probability II: a PhD level course, ranked 1st; Introduction to Statistical Learning Inference: (93/100); Real Analysis: (100/100); Functional Analysis: (93/100).

RESEARCH EXPERIENCE

Robust On-Policy Sampling for Data-efficient Policy Evaluation   *2021/12 - 2022/5*
University of Wisconsin Madison
Advisor: Prof. Josiah Hanna

- Submitted paper "Robust On-Policy Sampling for Data-Efficient Policy Evaluation" to NeurIPS under review.

Online forgetting process for moderate linear regression   *2021/2 - 2021/8*
The university of science and technology of China
Advisor: Prof. Xiao Guo

- Motivated by the EU's "Right To Be Forgotten" regulation, we proposed a moderate dimensional regression in which past data has to be deleted while features are increasing at the same time.
- Proposed a new algorithm solving the problem.
- Unfortunately, we didn't continue to complete this project after I come to United States.

PUBLICATION

Robust On-Policy Sampling for Data-efficient Policy Evaluation.[Openreview]
Rujie Zhong, **Duohan Zhang**, Lukas Schäfer, Stefano V Albrecht, Josiah P. Hanna.
NeurIPS-2022 Poster

AWARDS

Student scholarship from USTC   *2019,2020*
School of Management, University of Science and Technology of China

SKILLS

Programming Languages and Tools
Python, Open AI gym, C++, R, LaTeX.

Language
TOEFL: 100(R 26, L 23, S 23, W 28).
GRE: 323+4.0(V 153, Q 170).