

Haoqun Cao

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EDUCATION

- **Renmin University of China** - B.S. in Statistics Sep 2020-Jun 2024(expected)
GPA:3.82/4.0(90.06) rank 1/13
Relevant Coursework:
Mathematical Analysis I(98)II(93) III(91) | Higher Algebra II(95) | Topology(94) | Real Analysis(91)| Mathematical Statistics(91)|
Design and Analysis of Algorithms(96)| Optimization(95)| Statistical Computing(94)||Nonparametric Statistics(89)| C
Programming(94)
- **University of California, Irvine** - Summer Exchange Student Jun 2023- Sep 2023
GPA: 4.0/4.0

PUBLICATION

1. *Tianjun Ke, ***Haoqun Cao**, Zenan Lin, Feng Zhou. **Revisiting Logistic-Softmax Likelihood in Bayesian Meta-Learning for Few-Shot Classification**, *NeurIPS2023 Poster*

MANUSCRIPT

1. Yucong Lin, Liyuan Xu, **Haoqun Cao**, Hongyi Yuan, Junwei Lu. **Diffusion Schrodinger Bridge for Model-Based Reinforcement Learning**

RESEARCH EXPERIENCE

- University of California, Irvine** - Research Intern Jun 2023- Present
Instructor: Prof. Annie Qu
 - The research is about modeling sleep trajectory data collected from pregnant women. We work on developing efficient statistical method for describing sleep pattern and potential change point detection.
- Renmin University of China** - Research Intern Jan 2023- Jun 2023
Instructor: Prof. Feng Zhou
 - The research is about Bayesian Meta-Learning via Latent Variable Augmentation.
- Harvard University** - Research Intern 2022 Sep-present
Instructor: Prof. Junwei Lu
 - The research is about Reinforcement Learning theory. We are applying deep generative model in modeling the the dynamic of Markov Decision Process under an off-policy evaluation setting.

ACTIVITY EXPERIENCE

- Vice-President** - Statistical Investigation Association of Renmin University of China(2022-2023)
 - We have a group at work that writes articles and gives lectures on R and Python in our university, and I've led several of these projects
- Principal of Strings** - Chinese Orchestra of Renmin University of China(2022-2023, 2023-2024)

HONORS & AWARDS

- 2023 - Academic Excellence Award, Second Class . *Renmin University of China*
- 2022 - Academic Excellence Award, Third Class . *Renmin University of China*
- 2022 - Provincial First Prize. *Contemporary Undergraduate Mathematical Contest in Modeling*
- 2022&2023 - Honorable Mention. *Mathematical Contest in Modeling and Interdisciplinary Contest in Modeling.*
- 2021 - Academic Excellence Award, Second Class . *Renmin University of China*
- 2021 - Provincial Second Prize. *The Chinese Mathematics Competitions*

SKILLS

C|C++|Python|R|Pytorch|tidyverse