

Hao Hu

EDUCATION

SEPT. 2019 - Present	IIIS, Tsinghua University , Beijing, China M.Sc. in Computer Science GPA: 3.94/4, RANKING: 1/15
SEPT. 2015 - JUN. 2019	Peking University , Beijing, China B.Sc. in Theoretical and Applied Mechanics GPA: 3.73/4, RANKING: 5/31 Double Major: Computer Science and Technology

RESEARCH EXPERIENCE

SEP. 2019- PRESENT	Research in Reinforcement Learning Supervisor: Ass.Prof. Chongjie Zhang Machine Intelligence Group , IIIS, Tsinghua University, China Topic: Episodic Control, Generalization for Reinforcement Learning
NOV. 2017- JUN. 2018	Research in Computer Vision Supervisor: Ass.Prof. Shiliang Zhang Vision and Media Computing Group , Peking University, China Topic: Semantic Segmentation and Autonomous Driving

PAPERS AND PREPRINTS

- [Generalizable Episodic Memory for Deep Reinforcement Learning](#)
Hao Hu, Jianing Ye, Zhizhou Ren, Guangxiang Zhu, Chongjie Zhang
Thirty-eighth International Conference on Machine Learning (ICML), 2021
- [On the Role of Discount Factor in Offline Reinforcement Learning](#)
Hao Hu*, Yiqin Yang*, Qianchuan Zhao, Chongjie Zhang
Thirty-ninth International Conference on Machine Learning (ICML), 2022
- [Offline Reinforcement Learning with Value-based Episodic Memory](#)
Xiaoteng Ma*, Yiqin Yang*, **Hao Hu***, Qihan Liu, Jun Yang, Chongjie Zhang, Qianchuan Zhao, Bin Liang
Tenth International Conference on Learning Representations (ICLR), 2022
- [MetaCURE: Meta Reinforcement Learning with Empowerment-Driven Exploration](#)
Jin Zhang*, Jianhao Wang*, **Hao Hu**, Tong Chen, Yingfeng Chen, Changjie Fan, Chongjie Zhang
Thirty-eighth International Conference on Machine Learning (ICML), 2021
- [On the Estimation Bias in Double Q-Learning](#)
Zhizhou Ren, Guangxiang Zhu, **Hao Hu**, Beining Han, Jianglun Chen, Chongjie Zhang
Thirty-fifth Conference on Neural Information Processing Systems (NeurIPS), 2021

EXPERIENCE AND SERVICES

Engineering Intern

JUN. 2018-PRESENT MICROSOFT STCA, NEWS & RELEVANCE TEAM

Teaching Assistant

SEPT. 2020 - JAN. 2021 Artificial Intelligence: Principles and Techniques, Fall, 2020

SEPT. 2021 - JAN. 2022 Artificial Intelligence: Principles and Techniques, Fall, 2021

FEB. 2022 - PRESENT Deep Reinforcement Learning, Spring, 2022

HONORS AND SCHOLARSHIPS

2021-2022 TOYOTA Scholarship

MAY 2017 Second Prize in Zhou Peiyuan Mechanics Competition

2016-2017 **National Scholarship**

SEPT. 2016 Grand Prize in National College Students Physics Competition

2015-2016 Award for Academic Excellents

CONTACT

PHONE: +86-188-1157-6155

EMAIL: huh22@mails.tsinghua.edu.cn

ADDRESS: 30 Shuangqing Road, Haidian District, Beijing, China, 100087

WEBSITE: <https://mousehu.github.io/person/>