

# Hao Hu

## EDUCATION

---

SEPT. 2019 - Present	<b>IIIS, Tsinghua University</b> , Beijing, China M.Sc. in Computer Science GPA: 3.96/4
SEPT. 2015 - JUN. 2019	<b>Peking University</b> , Beijing, China B.Sc. in Theoretical and Applied Mechanics GPA: 3.73/4, RANKING: 16% Double Major: Computer Science and Technology

## RESEARCH EXPERIENCE

---

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

## 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
- [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
- [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

## 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

---

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:    [hu-h19@mails.tsinghua.edu.cn](mailto:hu-h19@mails.tsinghua.edu.cn)

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

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