Jiawei Huang

[Email](#)   [GitHub](#)   [Homepage](#)   [Google Scholar](#)

EDUCATION

ETH Zurich   Sept. 2022 – Now
Ph.D. Student in Computer Science

University of Illinois at Urbana-Champaign   Jan. 2021 – Aug. 2022
Ph.D. Student in Computer Science
Awarded by *Master's Degree in Computer Science* on Aug. 2022
(Ph.D. study was interrupted because of visa issue ([P.P. 10043](#)).)

Beihang University, Beijing, China   Sept. 2015 – July 2019
Undergraduate Student in Computer Science
Awarded by *Bachelor's Degree in Computer Science* on July 2019

INTERNSHIP EXPERIENCES

Reinforcement Learning | University of Illinois at Urbana-Champaign | Visiting Scholar | July 2019 – July 2020
➢ **Doubly Robust Policy Gradient Method**
➢ **Offline Reinforcement Learning**

Reinforcement Learning + Robotics | Tecent Robotics-X Lab | Research Intern | Aug. 2020 – Jan. 2021
➢ **Robot Motion Imitation with Reinforcement Learning and Imitation Learning**

Reinforcement Learning | Microsoft Research Asia | Research Intern | Summer 2021
➢ **Deployment-Efficient Reinforcement Learning**
➢ **Reinforcement Learning with Tiered Structure**

PUBLICATION

1. [*Preprint*] **Robust Knowledge Transfer in Tiered Reinforcement Learning ([arXiv](#))**
   Jiawei Huang, Niao He

2. [*NeurIPS 2022*] **Tiered Reinforcement Learning: Pessimism in the Face of Uncertainty and Constant Regret ([arXiv](#))**
   Jiawei Huang, Li Zhao, Tao Qin, Wei Chen, Nan Jiang, Tie-Yan Liu

3. [*ICML 2022* **Long Oral**] **A Minimax Learning Approach to Off-Policy Evaluation in Confounded POMDP ([arXiv](#))**
   Chengchun Shi, Masatoshi Uehara, **Jiawei Huang,** Nan Jian

4. [*ICLR 2022* **Spotlight**] **Towards Deployment-Efficient Reinforcement Learning: Lower Bound and Optimality ([OpenReview](#))**
   Jiawei Huang, Jinglin Chen, Li Zhao, Tao Qin, Nan Jiang, Tie-Yan Liu

5. [*AISTATS 2022*] **On the Convergence Rate of Density-Ratio Based Off-Policy Policy Gradient ([arXiv](#))**
   Jiawei Huang, Nan Jiang

6. [*NeurIPS 2020*] **Minimax Confidence Interval for Off-Policy Evaluation and Policy Optimization ([arXiv](#))**
   Nan Jiang, **Jiawei Huang**

7. [*ICML 2020*] **From Importance Sampling to Doubly Robust Policy Gradient (arXiv)**
   Jiawei Huang, Nan Jiang

8. [*ICML 2020*] **Minimax Weight and Q-Function Learning for Off-Policy Evaluation (arXiv)**
   Masatoshi Uehara**, Jiawei Huang,** Nan Jiang

9. [*ECCV 2020*] **WeightNet: Revisiting the Design Space of Weight Networks (arXiv)**
   Ningning Ma, Xiangyu Zhang, **Jiawei Huang**, Jian Sun

PROGRAMMING SKILLS.

Python (TensorFlow, PyTorch), Java, C/C++.