

## Education

- 2016 – 2020 **University College London**, *PhD Candidate*, in Computer Science.  
(Expected) *Research Interests*: Multi-Agent Reinforcement Learning, Computational Advertising.  
London, UK *Supervisor*: Prof. Jun Wang.  
*Awards*: Feldman Scholarship.
- 2015 – 2016 **University College London**, *Master of Research*, with **Distinction Honor**.  
London, UK *Thesis*: Learning Distributed Representation of Categorical Data.  
*Supervisor*: Prof. Jun Wang.
- 2011 – 2015 **Beijing University of Posts and Telecommunications**, *B.Sc(Eng)*, with **First Class Honor**.  
Beijing, CN *Awards*: First Class Academic Scholarship, Merit Student Honor, Excellent Student Cadre.

## Experience

- Apr 2016 – **MediaGamma**, *Research Intern*.  
London, UK Real-time decision making optimization and building large-scale user response prediction systems.
- Mar 2015 – **Amazon**, *Business Analyst Intern*.  
Sep 2015 Building automation processes to analysis and optimize the key metrics from massive supply chain data in  
Beijing, CN Fulfillment Centers (Amazon China).
- Jun 2014 – **Baidu**, *Software Engineer Intern*.  
Oct 2014 Participated in development of APIs of Baidu Map LBS open platform.  
Beijing, CN

## Selected Publication

- 2019 "Tian, Zheng\*; **Wen, Ying\***; Gong, Zhichen; Punakkath, Faiz; Zou, Shihao; Wang, Jun", A Regularized Opponent Model with Maximum Entropy Objective, Under review by IJCAI 2019, the first two authors have equal contributions.
- 2019 "**Wen, Ying**; Yang, Yaodong; Luo, Rui; Wang, Jun", Multi-Agent Generalized Recursive Reasoning, Under review by ICML 2019.
- 2019 "**Wen, Ying**; Yang, Yaodong; Luo, Rui; Wang, Jun; Pan, Wei", Probabilistic Recursive Reasoning for Multi-Agent Reinforcement Learning, ICLR 2019.
- 2018 Yang, Yaodong; Yu, Lantao; Bai, Yiwei; **Wen, Ying**; Zhang, Weinan; Wang, Jun. A Study of AI Population Dynamics with Million-Agent Reinforcement Learning, AAMAS 2018.
- 2018 Zhang, Haifeng; Wang, Jun; Zhou, Zhiming; Zhang, Weinan; **Wen, Ying**; Yu, Yong; Li, Wenxin. Learning to Design Games: Strategic Environments in Deep Reinforcement Learning, IJCAI 2018.
- 2017 "Peng, Peng\*; **Wen, Ying\***; Yang, Yaodong; Yuan, Quan; Tang, Zhenkun; Long, Haitao; Wang, Jun", Multiagent Bidirectionally-Coordinated Nets, Emergent Communication Workshop, NIPS 2017, the first two authors have equal contributions.
- 2016 Qu, Yanru; Cai, Han; Ren, Kan; Zhang, Weinan; Yu, Yong; **Wen, Ying**; Wang, Jun. Product-based Neural Networks for User Response Prediction, ICDM 2016.
- 2016 "**Wen, Ying**; Zhang, Weinan; Luo, Rui; Wang, Jun", Learning Text Representation Using Recurrent Convolutional Neural Network with Highway Layers, Neu-IR, SIGIR 2016.

## Teaching

- 2019 COMP1024: Multi-Agent Artificial Intelligence, Teaching Assistant.
- 2017/18/19 COMPGI15/M052: Information Retrieval and Data Mining, Teaching Assistant.
- 2017/18 COMPGW02/M041: Web Economics, Teaching Assistant.