

Ying Wen

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Education

- 2016 – 2020 **University College London**, *PhD Candidate*, Computer Science, with **Feldman Scholarship**.
(Expected) *Research Interests*: Multi-Agent Reinforcement Learning, Computational Advertising.
London, UK *Supervisor*: Prof. Jun Wang.
- 2015 – 2016 **University College London**, *Master of Research*, Web Science, with **Distinction Honor**.
London, UK *Thesis*: Learning Distributed Representation of Categorical Data.
Modules: Applied Machine Learning, Data Analytics, Web Economics, Information Retrieval, Statistical Natural Language Processing, Complex Networks, Supervised Learning.
- 2011 – 2015 **BUPT & QMUL**, *B.Sc(Eng)*, E-Commerce Engineering, 3.5/4.0, with **First Class Honor**.
Beijing, CN *Awards*: First Class Academic Scholarship, Merit Student Honor, Excellent Student Cadre.
Modules: Software Engineering, Telecom System, Internet Protocols, Social Media Analysis, Data Structure, Internet Database, Data Mining, Advanced Web Programming, Information System.

Experience

- Apr 2016 – **MediaGamma**, *Research Intern*.
Present Real-time decision making optimization and building large-scale user response prediction systems for display advertising.
London, UK
- 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).
- Nov 2014 – **App Annie**, *Software Engineer Intern*.
Mar 2015 Scraping data from advertising service provider (e.g. Google, Facebook) for the APP developers to collect
Beijing, CN their APPs' advertising revenue and expense data across various advertising platforms.
- Jul 2014 – **Baidu**, *Software Engineer Intern*.
Oct 2015 Participated in development of Baidu Map LBS open platform API.
Beijing, CN

Programming Skill

- Framework TensorFlow, Spark, Gym.
- Language Python, Scala, Java, PHP, JavaScript.
- Database MySQL, Oracle, MongoDB.

Publication

- 2018 "**Wen, Ying**; Yang, Yaodong; Luo, Rui; Pan, Wei; Wang, Jun", Probabilistic Recursive Reasoning for Multi-Agent Reinforcement Learning, Submitted to ICLR 2019.
- 2017 "Peng, Peng*; **Wen, Ying***; Yang, Yaodong; Yuan, Quan; Tang, Zhenkun; Long, Haitao; Wang, Jun", Multiagent Bidirectionally-Coordinated Nets, arXiv preprint:1703.10069, 2017, the first two authors have equal contributions.
- 2016 "**Wen, Ying**; Zhang, Weinan; Luo, Rui; Wang, Jun", Learning text representation using recurrent convolutional neural network with highway layers, Neu-IR, SIGIR 2016.