QIDONG LIU

+86 13772433092 ⋄ Xi'an, China

dong_liuqi@163.com

EDUCATION

Xi'an Jiaotong University, Xi'an, China   Mar 2021 - Present
Ph.D., Automation
　　Advisor: Prof. Feng Tian [HOMEPAGE]

Xi'an Jiaotong University, Xi'an, China   Sep 2019 - Jan 2021
M.Sc., Cyberspace Security
　　Advisor: Prof. Feng Tian
　　GPA: 90.07/100 (Top 2)

Xi'an Jiaotong University, Xi'an, China   Sep 2015 - Jun 2019
B.Eng., Automation
　　GPA: 85.9/100
　　Graduation Thesis: Analysis of motion sensor on mobile terminal and design of Wechat Mini Programme

RESEARCH INTERESTS

- **Causal Inference**: Treatment Effect Estimation
- **Recommendation**: Recommendation Debias(Currently)

PUBLICATIONS

- **Qidong Liu**, Feng Tian, Weihua Ji, Qinghua Zheng. "A New Representation Learning Method for Individual Treatment Effect Estimation: Split Covariate Representation Network" The 12th Asian Conference on Machine Learning(ACML'20, CCF-C class conference), 2020. [PDF]
- Chen, Yan, Jiangwei Zeng, Haiping Zhu, Feng tian, Yu Liu, **Qidong Liu** Qinghua Zheng. "A Behavior-Item Based Hybrid Intention-Aware Frame for Sequence Recommendation." International Conference on e-Business Engineering(ICEBE'19). Springer, Cham, 2019. [PDF]

COMPETITIONS

- The 3rd Place in YIDIANZIXUN Code Competition(CTR prediction channel). [RANK] [CODE]   2021

AWARDS

- Graduate Student First-class Academic Scholarship   2020
- Outstanding Graduate Award of XJTU   2020
- XJTU Siyuan Scholarship   2017

PROJECTS

Micro-grid Load Prediction   2019 - 2020

- We constructed a LSTM-based and Multi-source Data Fusion model for load prediction.
- We achieved 95% accuracy under 20%EP standard and the model is applied in real production environment.
- I completed a patent draft.

Employment Recommendation for undergraduate 2020 - 2021

- We collected five-year employment data of undergraduate in XJTU.
- We proposed a reciprocal-constrained employment recommendation model based on multi-task learning.
- The model will give service to undergraduate in XJTU.

Hybrid enhanced e-Learning Research - Intelligent Tutorship 2021 - Present

- This project just starts.
- We plan to do some researches on learning path recommendation and resource recommendation. [Platform]

SKILLS

Programming Language	Python
DL Framework	Pytorch
Tools	Git, Docker, Latex etc.
Soft Skills	Time Management, Communication, Leadership