

TIANYU ZHU

Montréal, Canada

(+1) 438-867-8810 ◊ tianyu.zhu@umontreal.ca

EDUCATION

- **Tsinghua University, Beijing, China** August 2016 - June 2022
Ph.D. Candidate in *Management Science and Engineering*
School of Economics and Management
Advisor: Guoqing Chen
- **Beihang University, Beijing, China** August 2012 - June 2016
B.S. in *Information Management and Information Systems*
School of Economics and Management
Advisor: Junjie Wu

WORK EXPERIENCE

- **Université de Montréal, Montréal** October 2022 - present
Advisor: Jian-Yun Nie
Food recommendation for grocery consumers

RESEARCH EXPERIENCE

- **Alibaba DAMO Academy, Hangzhou/Beijing** (Internship) December 2020 - October 2021
Advisor: Jiandong Ding
Live-streaming sales prediction in Taobao

RESEARCH INTERESTS

- **Personalized Recommendation**
Graph-based regularization in recommendation
Economics and consumer behavior in recommendation
Bias and Debias in recommendation

PAPERS

- **Graph-based Embedding Smoothing for Sequential Recommendation**
Tianyu Zhu, Leilei Sun, Guoqing Chen
IEEE Transactions on Knowledge and Data Engineering (TKDE) (2021)
- **Embedding Disentanglement in Graph Convolutional Networks for Recommendation**
Tianyu Zhu, Leilei Sun, Guoqing Chen
IEEE Transactions on Knowledge and Data Engineering (TKDE) (2021)
- **Social Collaborative Mutual Learning for Item Recommendation**
Tianyu Zhu, Guannan Liu, Guoqing Chen
ACM Transactions on Knowledge Discovery from Data (TKDD) 14.4 (2020): 1-19.

AWARDS

- **Jiang Zhen Scholarship**
Tsinghua University, 2021
- **Zheng Weimin Scholarship**
Tsinghua University, 2021

- **Cheng Siwei Scholarship**
Beihang University, 2014
- **Outstanding Student Scholarship (First Prize)**
Beihang University, 2013

SKILLS

- Python (Numpy, Scipy, TensorFlow, PyTorch), L^AT_EX